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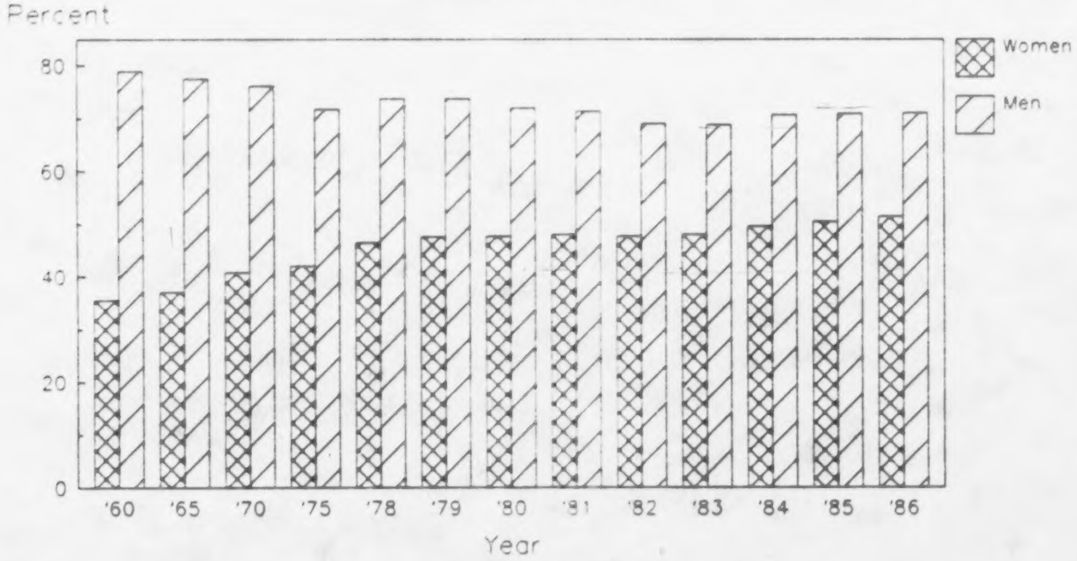
**JOB
SERVICE
North Dakota**

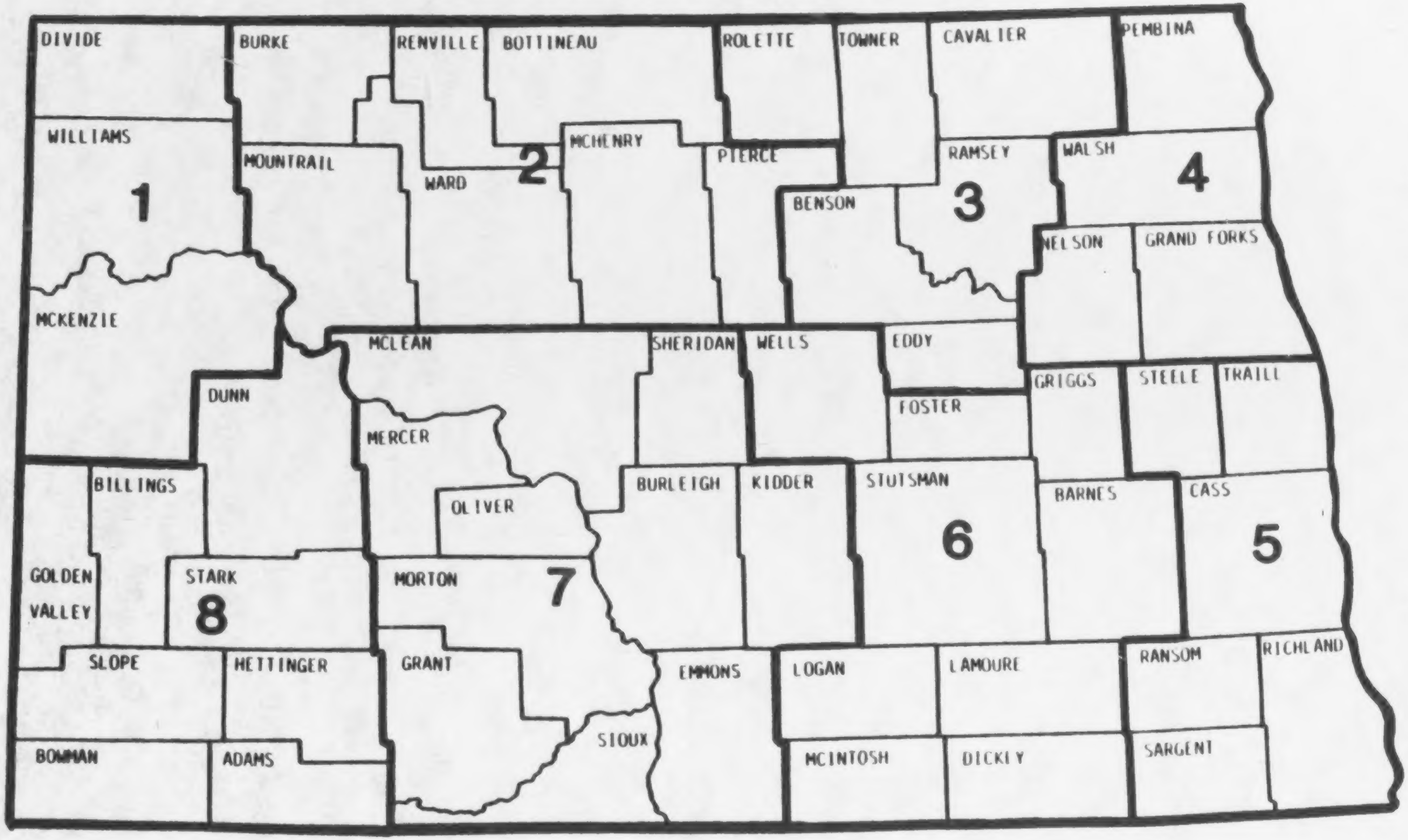
THE
NORTH DAKOTA
LABOR MARKET ADVISOR

Change in Labor Force
Participation - by Sex
1960 - 1986



NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.


DIVIDE
BURKE
RENVILLE
BOTTINEAU
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TOWNER
CAVALIER
PEMBINA
WILLIAMS
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MCHENRY
PIERCE
RAMSEY
WALSH
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1
BENSON
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NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
GRIGGS
STEELE
TRAILL
DUNN
FOSTER
MERCER
BILLINGS
BURLEIGH
KIDDER
STUTSMAN
BARNES
CASS
OLIVER
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GOLDEN VALLEY
STARK
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MORTON
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SLOPE
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GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
BOWMAN
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MCINTOSH
DICKEY
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THE
NORTH DAKOTA
LABOR MARKET ADVISOR

September, 1989

GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

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WOMEN IN AMERICA'S SOCIETY

There are few people today who have not experienced some of the changes in our American society. A few facts keep appearing in the media about these changes. One of the most discussed topics is how women are changing our labor force and the rippling effect these changes have on the rest of our society. The following facts are intended to illustrate how women will be changing our country's social fabric between now and the year 2000.

It is estimated that by the year 2000 about 80% of all women ages 25-54 will be in the labor force. Women will account for nearly one-half of the employment by the year 2000. In order to reach those projections, many more women will have to enter the labor force. Between the current year and the year 2000, many of the new entrants will be minority women. The number of Hispanic women will increase by 85%. Black women will increase their share by one-third, and Asian, American Indian, and Alaskan native women will account for 10% of the new entrants. Motherhood, alone, is no longer the barrier to employment that it used to be, but it still presents problems. Approximately 51% of mothers with infants returned to work within one year. One-fourth of the mothers with preschoolers who did not currently work said they would work if they could find quality and affordable child care. Nearly 10 million preschool children have mothers who work, yet the United States does not have a national child care policy. So far, approximately 6% of the companies in the U. S. have requested plans for day care facilities. Related to this are the results of a study that indicated that a household with two full-time workers must earn at least 30% more income than a one-earner household with a wife working at home to have a comparable life style due to increased costs, particularly child care.

Nearly all (90%) of the jobs expected to be created between the present and the year 2000 will occur in the services industry. Almost half (5 of 11) of the occupations that will create the largest number of new jobs by the year 2000 are in female dominated occupations: (1) retail sales, (2) waiter/waitress, (3) cashier, (4) food worker, and (5) nurses aide. In 1987, the poverty level income for a family of four was approximately $223 per week. The 1987 median weekly wage for the five occupations varied from $149 (food workers) to $212 (nurses aide), a range of 67% to 95% of poverty level.

In the past two decades, women have broken into many traditionally male occupations. In 1964, less than 4% of first-year law students were women; but by 1984, the proportion was up to 40%. By 1986, the percentage of female physicians had nearly doubled to 17.6%. In engineering, the number of women has tripled in 15 years. Women in construction went from 1.7% to 2.1% between 1970 and 1980. In 1976, 2,573 women were in road construction nationwide (2% of the total), while by 1986 there were 11,688 women employed in road construction (6% of total). However, one-third of these women were clerical workers. Women miners have remained at about 2.4%, while the number of female truck drivers increased from 2.2% to 3.3%. In 1986, over 200,000 women served in the armed forces (about 10%) compared to 1.5% in the 50's and 60's. In 1972, women seminarians represented 10% of the total, while today that number is near 26%. About 80% of the Protestant denominations in the United States now ordain women.

About 25% of women workers had part-time employment. Altogether, 62% of temporary employees are female. Because so many women work in occupations that have low wages and are part-time, few women receive benefits or job security, and have less access to promotions.

Women who worked full-time in 1987 earned only $.65 for every $1.00 that a man earned. This situation is expected to change. The concept of "comparable worth" in which a person is paid on the basis of job content and skill requirements, whether performed by a male or female, is slowly working its way into the labor market.

Women's involvement in federal politics has been slow in developing. Of the 100 U. S. senators, only two were women in 1988, the same number as in the 1960's. Women have done better in the House of Representatives, but they have never held more than 5% of the seats. The United States is one of the nations with the smallest proportion of women in their national

legislative bodies. However, women have done better in state legislatures. In 1988, nearly 16% of state legislators were women, more than tripling the number since 1971. Until 1974, no woman had been elected governor. Since then, five have been elected. As of 1988, two women have been reelected.

During 1986, only 5% of prison inmates were women. The ratio of males to females arrested in 1986 was four to one, while arrests for violent crimes was eight males to one female. However, between 1976-1986, female arrests were up 30% versus a 15% increase for males. Despite increasing female arrests, males are 21 times more likely to be incarcerated than females. Women in 1986 were 4% (26,610) of the total prison population. The typical female offender is poor, young, undereducated, and likely to be a single parent. The majority of crimes committed by women are forgery, counterfeiting, fraud, embezzlement, prostitution, commercialized vice, and vagrancy. Women are also involved in violent crimes but not to the extent that men are. Women in prison for homicide were usually there because of domestic violence.

Listed below are a number of miscellaneous facts about women in our society that should illustrate the multi-faceted impact that women are having today.

A female born in 1985 has a life expectancy of 78 years, while a male born at the same time only has a life expectancy of 71 years.

Nearly 80% of divorced or separated women who are out of the labor force had no health insurance in 1984.

In 1971, women comprised 1.5% of the federal, state, and local police forces, and by 1986 women were 11% of the total.

During 1985, over 800,000 babies were born to unwed mothers with a majority of these women in their twenties, and 11% to 16% were 30 years of age or older.

Between 1970 and 1985, females enrolled in institutions of higher learning increased by 82%.

Job Service North Dakota conducts local employment surveys in fourteen areas of North Dakota (the 12 major urban areas, Rolla, and Beulah-Hazen). Using the latest data from these surveys, a number of statistics were obtained about women in our labor force.

About 175,402 wage and salary jobs are located in the fourteen geographical areas, with women representing 49.6% (87,048) of the total. Females in North Dakota's labor force are clustered in three industries: Women represent 69.9% of services employment, 55.3% of retail trade, and 49.3% of government. One other industry that employs a large percentage (65.3%) of females is finance, insurance, and real estate.

Many of North Dakota's females work only part-time (41.6% statewide), with retail trade employing the largest percentage of females working part-time (62.1%), followed by services (45.6%), and government (27.7%). The other industries are as follows: mining (12.6%); manufacturing (16.7%); finance, insurance, and real estate (20.3%); transportation, communication, and utilities (21.2%); wholesale trade (23.4%); construction (26.2%); and government (27.7%).

In comparison to the number of females working part-time, the number of males working only part-time is nearly half the female rate. Statewide, 21.2% of the males worked part-time. Broken down into industries, the following results appear: mining (4.7%); construction (6.9%); manufacturing (7.4%); transportation, communication, and utilities (10.9%); wholesale trade (9.8%); retail trade (42.3%); finance, insurance, and real estate (14.4%); services (30.0%); and government (21.2%). For both males and females, retail trade and services have the largest percentages of part-time employees.

Just like desert sands, our society is changing, shifting, creating new opportunities and problems. Whatever the outcome, the female of our species is going to be very instrumental in those changes.

Warren Boyd
Research Analyst

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	September 1989	August 1989	August 1989	September 1988	September 1988
TOTAL	263,650	259,000	1.8%	260,450	1.2%
MINING	4,050	4,100	-1.2%	4,250	-4.7%
Coal	1,100	1,100	0.0%	1,100	0.0%
Crude Petroleum & Nat.Gas	2,500	2,500	0.0%	2,700	-7.4%
Other Mining	450	500	-10.0%	450	0.0%
CONSTRUCTION	12,100	12,300	-1.6%	12,100	0.0%
Building Construction	3,100	3,100	0.0%	3,000	3.3%
Street,Highway & Heavy	3,400	3,400	0.0%	3,400	0.0%
Special Trade Construction	5,600	5,800	-3.4%	5,700	-1.8%
MANUFACTURING	16,700	16,200	3.1%	17,000	-1.8%
DURABLE GOODS	8,150	8,150	0.0%	7,600	7.2%
Stone, Clay & Glass	750	750	0.0%	800	-6.3%
Primary & Fab. Metals	950	950	0.0%	900	5.6%
Machinery & Trans. Equip	5,000	5,000	0.0%	4,600	8.7%
Other Durable Goods	1,450	1,450	0.0%	1,300	11.5%
NONDURABLE GOODS	8,550	8,050	6.2%	9,400	-9.0%
Food & Kindred Products	4,450	3,850	15.6%	4,900	-9.2%
Dairy Products	700	750	-6.7%	750	-6.7%
Fruit, Vegetables & Sugar	1,500	750	100.0%	1,750	-14.3%
Bakery Products	500	500	0.0%	500	0.0%
Other Food & Kindred	1,750	1,850	-5.4%	1,900	-7.9%
Printing & Publishing	2,400	2,400	0.0%	2,400	0.0%
Other Nondurable Goods	1,700	1,800	-5.6%	2,100	-19.0%
TRAN, COMM & UTILITIES	17,400	17,200	1.2%	17,100	1.8%
TRANSPORTATION	9,100	8,900	2.2%	8,700	4.6%
Trucking & Warehousing	5,200	5,200	0.0%	5,000	4.0%
Other Transportation	3,900	3,700	5.4%	3,700	5.4%
COMMUNICATION	3,600	3,500	2.9%	3,600	0.0%
UTILITIES	4,700	4,800	-2.1%	4,800	-2.1%

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	September 1989	August 1989	August 1989	September 1988	September 1988
TRADE	69,900	69,900	0.0%	69,300	0.9%
WHOLESALE TRADE	19,300	19,400	-0.5%	19.400	-0.5%
Durable Goods	9,000	9,100	-1.1%	8,900	1.1%
Nondurable Goods	10,300	10,300	0.0%	10,500	-1.9%
RETAIL TRADE	50,600	50,500	0.2%	49,900	1.4%
General Merchandise	6,500	6,400	1.6%	6,500	0.0%
Food Stores	7,400	7,400	0.0%	7,000	5.7%
Auto Dlrs.& Serv.Stations	6,500	6,600	-1.5%	6,700	-3.0%
Apparel & Accessories	2,600	2,600	0.0%	2,700	-3.7%
Other Retail	27,600	27,500	0.4%	27,000	2.2%
FINANCE,INS & REAL ESTATE	12,200	12,200	0.0%	12,300	-0.8%
FINANCE	6,500	6,500	0.0%	6,600	-1.5%
Banking	4,100	4,100	0.0%	4,100	0.0%
Other Finance	2,400	2,400	0.0%	2,500	-4.0%
INSURANCE	3,900	3,900	0.0%	3,900	0.0%
REAL ESTATE	1,800	1,800	0.0%	1,800	0.0%
SERVICES	66,500	65,900	0.9%	64,500	3.1%
Lodging	4,300	4,300	0.0%	4,300	0.0%
Health Services	27,800	27,700	0.4%	26,900	3.3%
Nursing Care & Hosp.	20,100	20,100	0.0%	19,700	2.0%
Other Medical Services	7,700	7,600	1.3%	7,200	6.9%
Other Services	34,400	33,900	1.5%	33,300	3.3%
GOVERNMENT	64,800	61,200	5.9%	63,900	1.4%
FEDERAL	10,700	10,400	2.9%	10,400	2.9%
STATE & LOCAL	54,100	50,800	6.5%	53,500	1.1%
STATE GOVERNMENT	18,700	17,600	6.3%	18,300	2.2%
Educational Services	11,400	10,100	12.9%	11,300	0.9%
Other State Government	7,300	7,500	-2.7%	7,000	4.3%
LOCAL GOVERNMENT	35,400	33,200	6.6%	35,200	0.6%
Educational Services	17,100	13,600	25.7%	16,700	2.4%
Other Local Government	18,300	19,600	-6.6%	18,500	-1.1%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	September 1989	August 1989	August 1989	September 1988	September 1988
FARGO-MOORHEAD MSA					
TOTAL	75,300	73,200	2.9%	72,850	3.4%
MINING & CONST.	4,000	4,200	-4.8%	3,900	2.6%
MANUFACTURING	5,400	5,300	1.9%	5,150	4.9%
Durable Goods	2,400	2,400	0.0%	2,200	9.1%
Nondurable Goods	3,000	2,900	3.4%	2,950	1.7%
TRANS., COMM. & UTIL.	5,000	4,900	2.0%	4,800	4.2%
TRADE	22,100	21,900	0.9%	21,600	2.3%
Wholesale Trade	6,900	7,000	-1.4%	6,600	4.5%
Retail Trade	15,200	14,900	2.0%	15,000	1.3%
FINANCE, INS. & R E	4,500	4,500	0.0%	4,400	2.3%
SERVICES	20,200	20,300	-0.5%	19,400	4.1%
GOVERNMENT	14,100	12,100	16.5%	13,600	3.7%
Federal	2,200	2,100	4.8%	2,100	4.8%
State & Local	11,900	10,000	19.0%	11,500	3.5%
GRAND FORKS MSA					
TOTAL	30,550	29,900	2.2%	30,150	1.3%
MINING & CONST.	1,550	1,650	-6.1%	1,600	-3.1%
MANUFACTURING	1,600	1,350	18.5%	1,700	-5.9%
TRANS., COMM. & UTIL.	1,650	1,650	0.0%	1,650	0.0%
TRADE	9,050	8,900	1.7%	8,800	2.8%
Wholesale Trade	1,550	1,600	-3.1%	1,500	3.3%
Retail Trade	7,500	7,300	2.7%	7,300	2.7%
FINANCE, INS. & R E	1,100	1,150	-4.3%	1,100	0.0%
SERVICES	6,900	6,900	0.0%	6,800	1.5%
GOVERNMENT	8,700	8,300	4.8%	8,500	2.4%
BISMARCK MSA					
TOTAL	39,700	39,350	0.9%	38,300	3.7%
MINING	200	200	0.0%	200	0.0%
CONSTRUCTION	1,750	1,800	-2.8%	1,700	2.9%
MANUFACTURING	2,200	2,300	-4.3%	2,200	0.0%
TRANS., COMM. & UTIL.	2,700	2,700	0.0%	2,700	0.0%
TRADE	10,500	10,500	0.0%	10,000	5.0%
Wholesale Trade	2,200	2,200	0.0%	2,200	0.0%
Retail Trade	8,300	8,300	0.0%	7,800	6.4%
FINANCE, INS. & R E	1,550	1,550	0.0%	1,600	-3.1%
SERVICES	12,000	11,800	1.7%	11,300	6.2%
GOVERNMENT	8,800	8,500	3.5%	8,600	2.3%

LABOR FORCE

NORTH DAKOTA AND MSA'S

	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	Sept 1989	August 1989	August 1989	Sept 1988	Sept 1988
UNITED STATES					
(In Thousands)					
Labor Force	125,742	125,706	0.0%	123,688	1.7%
Employment	119,158	119,285	-0.1%	117,074	1.8%
Unemployment	6,584	6,421	2.5%	6,614	-0.5%
Unemployment Rate	5.2%	5.1%	xxx	5.3%	xxx
NORTH DAKOTA					
Labor Force	330,840	341,320	-3.1%	328,390	0.7%
Employment	316,930	327,670	-3.3%	314,430	0.8%
Unemployment	13,910	13,650	1.9%	13,960	-0.4%
Unemployment Rate	4.2%	4.0%	xxx	4.3%	xxx
FARGO-MOORHEAD MSA					
Labor Force	85,590	86,930	-1.5%	83,740	2.2%
Employment	83,390	84,660	-1.5%	81,640	2.1%
Unemployment	2,200	2,270	-3.1%	2,100	4.8%
Unemployment Rate	2.6%	2.6%	xxx	2.5%	xxx
GRAND FORKS MSA					
Labor Force	35,170	36,030	-2.4%	34,750	1.2%
Employment	33,740	34,270	-1.5%	33,340	1.2%
Unemployment	1,430	1,760	-18.8%	1,410	1.4%
Unemployment Rate	4.1%	4.9%	xxx	4.1%	xxx
BISMARCK MSA					
Labor Force	47,240	48,510	-2.6%	45,560	3.7%
Employment	45,160	46,750	-3.4%	43,740	3.2%
Unemployment	2,080	1,760	18.2%	1,820	14.3%
Unemployment Rate	4.4%	3.6%	xxx	4.0%	xxx

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.
The Bismarck MSA includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
August 1989

	NORTH DAKOTA	MINNESOTA	SOUTH DAKOTA	MONTANA
Labor Force	341.3	2,381.5	370.0	411.7
Employment	327.7	2,288.6	354.4	391.3
Unemployment	13.6	92.9	15.6	20.4
Unemployment Rate	4.0%	3.9%	4.2%	5.0%

UNITED STATES

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Sept 1989	August 1989	Sept 1988	Sept 1989	August 1989	Sept 1988	Sept 1989	August 1989	Sept 1988
MANUFACTURING	433.19	425.95	423.33	41.1	40.8	41.3	10.54	10.44	10.25
Durable Goods	461.34	452.38	452.76	41.6	41.2	42.0	11.09	10.98	10.78
Nondurable Goods	396.90	390.34	384.75	40.5	40.2	40.5	9.80	9.71	9.50

NORTH DAKOTA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1989	August 1989	September 1988	September 1989	August 1989	September 1988	September 1989	August 1989	September 1988
MANUFACTURING	359.39	351.83	323.79	39.8	39.8	38.5	9.03	8.84	8.41
Durable Goods	400.96	385.35	354.19	43.3	42.3	40.9	9.26	9.11	8.66
Nondurable Goods	317.63	314.50	298.94	36.3	37.0	36.5	8.75	8.50	8.19
Food & Kindred	329.25	331.69	312.48	37.5	39.3	38.2	8.78	8.44	8.18
Printing and Publishing	289.21	283.66	275.86	30.8	30.9	31.1	9.39	9.18	8.87

FARGO-MOORHEAD MSA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1989	August 1989	September 1988	September 1989	August 1989	September 1988	September 1989	August 1989	September 1988
MANUFACTURING	388.94	350.66	348.84	42.6	39.4	40.8	9.13	8.90	8.55
Durable Goods	422.42	385.15	340.20	44.7	42.7	40.5	9.45	9.02	8.40
Nondurable Goods	359.38	320.11	355.06	40.7	36.5	41.0	8.83	8.77	8.66

U. S. CONSUMER PRICE INDEX

ALL URBAN CONSUMERS

(1982-84=100)

ITEM	ANNUAL AVERAGE 1988	Sept 1989	August 1989	Percent Change From August 1989	Sept 1988	Percent Change From Sept 1988
All Items	118.3	125.0	124.6	0.3%	119.8	4.3%
Food & Beverage	118.2	125.9	125.6	0.2%	120.1	4.8%
Housing	118.5	124.3	124.2	0.1%	119.9	3.7%
Apparel & Upkeep	115.4	120.0	115.0	4.3%	117.8	1.9%
Transportation	108.7	113.7	114.3	-0.5%	109.7	3.6%
Medical Care	138.6	151.7	150.7	0.7%	140.4	8.0%
Entertainment	120.3	127.8	127.3	0.4%	121.3	5.4%

PRODUCER PRICE INDEX

UNITED STATES AVERAGE

ITEM	ANNUAL AVERAGE 1988	Sept 1989	August 1989	Percent Change From August 1989	Sept 1988	Percent Change From Sept 1988
All Commodities	106.9	112.3	112.0	0.3%	108.1	3.9%
Farm Products & Processed Foods and Feeds	110.0	114.4	114.9	-0.4%	114.0	0.4%
Industrial Commodities	106.3	111.9	111.4	0.4%	106.8	4.8%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	SEP'89	AUG'89	SEP'88	SEP'89	AUG'89	SEP'88	SEP'89	AUG'89	SEP'88	SEP'89	AUG'89	SEP'88
Divide	1,375	1,490	1,386	1,337	1,459	1,334	38	31	52	2.8%	2.1%	3.8%
McKenzie	3,018	3,109	2,952	2,880	2,998	2,820	138	111	132	4.6%	3.6%	4.5%
Williams	11,476	11,841	11,808	10,967	11,384	11,232	509	457	576	4.4%	3.9%	4.9%
REGION 1	15,869	16,440	16,146	15,184	15,841	15,386	685	599	760	4.3%	3.6%	4.7%
Bottineau	3,341	3,434	3,534	3,195	3,284	3,342	146	150	192	4.4%	4.4%	5.4%
Burke	1,353	1,298	1,260	1,293	1,259	1,186	60	39	74	4.4%	3.0%	5.9%
McHenry	2,624	2,677	2,545	2,374	2,472	2,270	250	205	275	9.5%	7.7%	10.8%
Mountrail	3,297	3,368	3,195	3,059	3,138	2,976	238	230	219	7.2%	6.8%	6.9%
Pierce	2,504	2,750	2,451	2,440	2,674	2,375	64	76	76	2.6%	2.8%	3.1%
Renville	1,258	1,278	1,246	1,194	1,233	1,183	64	45	63	5.1%	3.5%	5.1%
Ward	26,456	27,343	26,360	25,184	26,293	25,130	1,272	1,050	1,230	4.8%	3.8%	4.7%
REGION 2	40,833	42,148	40,591	38,739	40,353	38,462	2,094	1,795	2,129	5.1%	4.3%	5.2%
Benson	3,311	3,282	3,778	2,904	3,048	3,525	407	234	253	12.3%	7.1%	6.7%
Cavalier	2,737	2,883	2,752	2,601	2,777	2,620	136	106	132	5.0%	3.7%	4.8%
Eddy	1,446	1,499	1,403	1,364	1,414	1,305	82	85	98	5.7%	5.7%	7.0%
Ramsey	6,594	7,065	6,472	6,362	6,856	6,243	232	209	229	3.5%	3.0%	3.5%
Rolette	5,288	5,417	4,450	4,599	4,499	3,671	689	918	779	13.0%	16.9%	17.5%
Towner	1,823	1,874	1,718	1,785	1,837	1,667	38	37	51	2.1%	2.0%	3.0%
REGION 3	21,199	22,020	20,573	19,615	20,431	19,031	1,584	1,589	1,542	7.5%	7.2%	7.5%
Grand Forks	35,173	36,032	34,751	33,744	34,273	33,338	1,429	1,759	1,413	4.1%	4.9%	4.1%
Nelson	1,954	2,026	1,939	1,886	1,949	1,856	68	77	83	3.5%	3.8%	4.3%
Pembina	5,714	5,751	5,958	5,293	5,263	5,477	421	488	481	7.4%	8.5%	8.1%
Walsh	8,044	7,948	8,706	7,675	7,539	8,350	369	409	356	4.6%	5.1%	4.1%
REGION 4	50,885	51,757	51,354	48,598	49,024	49,021	2,287	2,733	2,333	4.5%	5.3%	4.5%
Cass	60,577	61,534	58,889	59,174	60,181	57,433	1,403	1,353	1,456	2.3%	2.2%	2.5%
Ransom	2,828	2,996	2,732	2,756	2,925	2,634	72	71	98	2.5%	2.4%	3.6%
Richland	8,559	8,867	8,993	8,252	8,480	8,615	307	387	378	3.6%	4.4%	4.2%
Sargent	2,697	2,855	2,714	2,633	2,794	2,656	64	61	58	2.4%	2.1%	2.1%
Steele	1,134	1,280	1,154	1,088	1,232	1,107	46	48	47	4.1%	3.8%	4.1%
Traill	4,518	4,470	4,736	4,312	4,261	4,532	206	209	204	4.6%	4.7%	4.3%
REGION 5	80,313	82,002	79,218	78,215	79,873	76,977	2,098	2,129	2,241	2.6%	2.6%	2.8%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	SEP'89	AUG'89	SEP'88	SEP'89	AUG'89	SEP'88	SEP'89	AUG'89	SEP'88	SEP'89	AUG'89	SEP'88
Barnes	5,867	6,048	5,590	5,721	5,901	5,400	146	147	190	2.5%	2.4%	3.4%
Dickey	3,068	3,265	3,120	2,994	3,197	3,019	74	68	101	2.4%	2.1%	3.2%
Foster	2,196	2,264	2,170	2,112	2,185	2,109	84	79	61	3.8%	3.5%	2.8%
Griggs	1,697	1,752	1,604	1,647	1,707	1,548	50	45	56	2.9%	2.6%	3.5%
La Moure	2,273	2,372	2,385	2,211	2,327	2,313	62	45	72	2.7%	1.9%	3.0%
Logan	1,497	1,583	1,528	1,463	1,552	1,490	34	31	38	2.3%	2.0%	2.5%
McIntosh	2,186	2,282	2,218	2,134	2,234	2,169	52	48	49	2.4%	2.1%	2.2%
Stutsman	12,114	12,598	12,253	11,759	12,258	11,910	355	340	343	2.9%	2.7%	2.8%
Wells	2,895	2,943	2,907	2,743	2,795	2,737	152	148	170	5.3%	5.0%	5.8%
REGION 6	33,793	35,107	33,775	32,784	34,156	32,695	1,009	951	1,080	3.0%	2.7%	3.2%
Burleigh	34,461	35,371	33,244	33,004	34,165	31,964	1,457	1,206	1,280	4.2%	3.4%	3.9%
Emmons	2,342	2,481	2,162	2,248	2,397	2,086	94	84	76	4.0%	3.4%	3.5%
Grant	1,822	1,961	1,788	1,738	1,897	1,696	84	64	92	4.6%	3.3%	5.1%
Kidder	1,535	1,617	1,546	1,445	1,532	1,488	90	85	58	5.9%	5.3%	3.8%
McLean	4,510	4,574	4,520	4,223	4,324	4,276	287	250	244	6.4%	5.5%	5.4%
Mercer	5,850	6,098	5,966	5,485	5,765	5,639	365	333	327	6.2%	5.5%	5.5%
Morton	12,778	13,138	12,316	12,155	12,583	11,773	623	555	543	4.9%	4.2%	4.4%
Oliver	1,060	1,133	1,354	1,004	1,077	1,303	56	56	51	5.3%	4.9%	3.8%
Sheridan	1,095	1,208	1,149	1,043	1,166	1,077	52	42	72	4.7%	3.5%	6.3%
Sioux	1,283	1,347	1,169	1,177	1,088	1,084	106	259	85	8.3%	19.2%	7.3%
REGION 7	66,736	68,928	65,214	63,522	65,994	62,386	3,214	2,934	2,828	4.8%	4.3%	4.3%
Adams	1,645	1,745	1,689	1,597	1,710	1,640	48	35	49	2.9%	2.0%	2.9%
Billings	792	1,053	934	768	1,027	889	24	26	45	3.0%	2.5%	4.8%
Bowman	2,117	2,259	2,109	2,059	2,204	2,028	58	55	81	2.7%	2.4%	3.8%
Dunn	1,660	1,798	1,608	1,546	1,674	1,505	114	124	103	6.9%	6.9%	6.4%
Gldn Valley	1,105	1,170	1,124	1,083	1,149	1,090	22	21	34	2.0%	1.8%	3.0%
Hettinger	1,776	1,884	1,798	1,714	1,831	1,733	62	53	65	3.5%	[illegible]	3.6%
Slope	434	501	476	406	472	438	28	29	38	6.5%	[illegible]	[illegible]
Stark	11,684	12,503	11,776	11,103	11,931	11,145	581	572	631	5.0%	4.6%	[illegible]
REGION 8	21,213	22,913	21,514	20,276	21,998	20,468	937	915	1,046	4.4%	4.0%	4.9%
STATE TOTALS	330,841	341,312	328,383	316,930	327,666	314,426	13,911	13,646	13,957	4.2%	4.0%	4.3%

DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12 of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index", it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

PRODUCER PRICE INDEX: This index measures of the average changes in proces received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay form the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

FARGO
1350 32nd Street South
Phone: 237-7113

JAMESTOWN
429 2nd Street Southwest
Phone: 251-2256

BEULAH
119 East Main
Phone: 873-5607

DEVILS LAKE
3011 South College Drive
Phone: 662- 2181

GRAND FORKS
2016 South Washington
Phone: 777-3711

MANDAN
601 1st Street Northwest
Phone: 663-6461

ROLLA
103 East Main
Phone: 477-5631

UND - GRAND FORKS
McCannel Hall - Room 141
Phone: 777-3904

DICKINSON
66 Osborn Drive
Phone: 227-2361

GRAFTON
728 Hill Avenue South
Phone: 352-2202

MINOT
3416 North Broadway
Phone: 852-2164

NDSU - FARGO
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

VALLEY CITY
2425 West Main
Phone: 845-7261

WAHPETON
524 2nd Avenue West
Phone: 572-7771

WILLISTON
422 st Avenue West
Phone: 572-7771

NEW TOWN
Tribal Administration
Building
Phone: 627-4390

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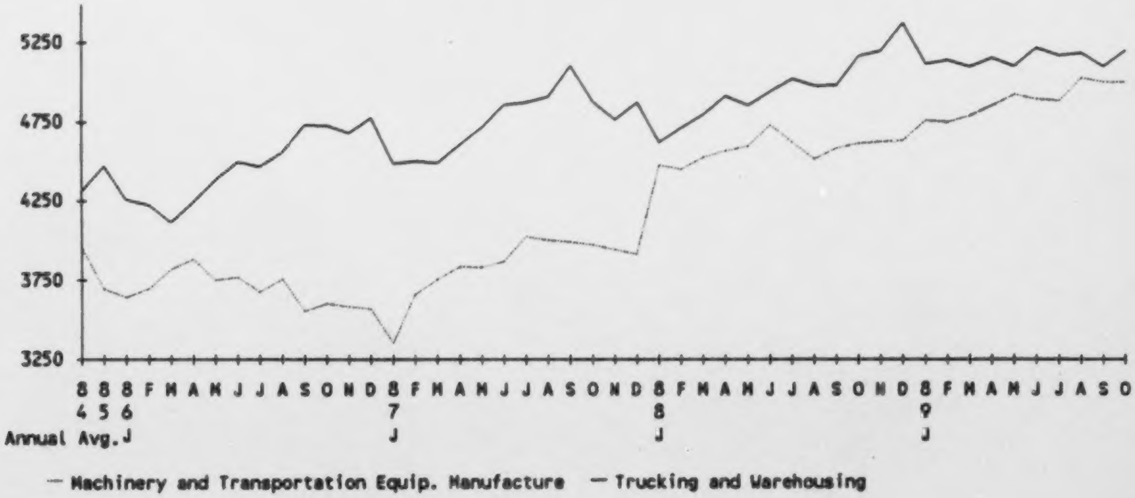
October, 1989

Volume 5, Number 10

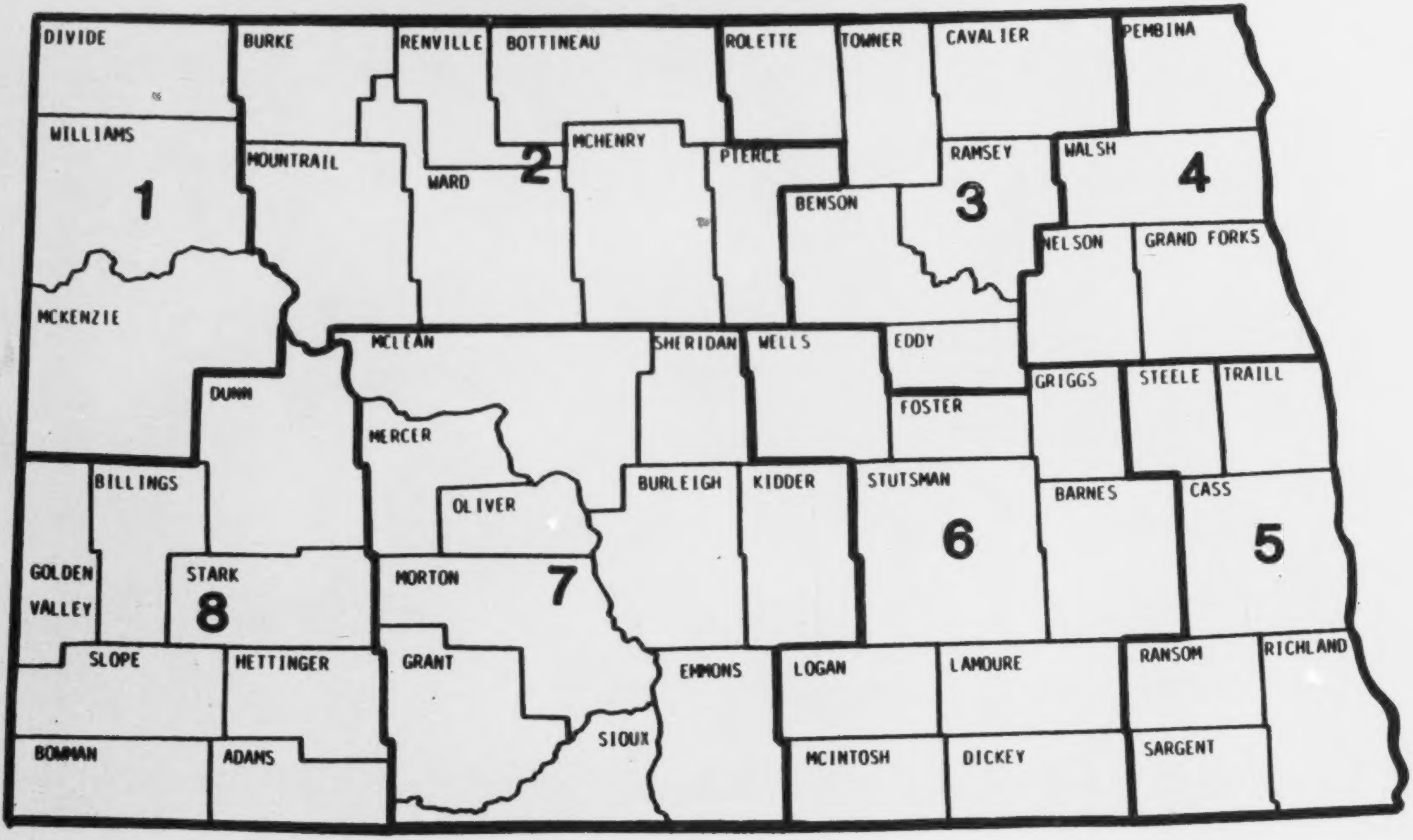
The North Dakota Labor Market Advisor

Job Growth in Machinery and Transportation Equipment Manufacture, and Trucking and Warehousing in North Dakota



NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
MOUNTRAIL
WARD
2
MCHENRY
PIERCE
RAMSEY
WALSH
4
1
BENSON
3
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
DUNN
GRIGGS
STEELE
TRAILL
FOSTER
MERCER
BILLINGS
BURLEIGH
KIDDER
STUTSMAN
BARNES
CASS
OLIVER
6
5
GOLDEN VALLEY
STARK
8
MORTON
7
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
SIOUX
BOWMAN
ADAMS
MCINTOSH
DICKEY
SARGENT

THE
NORTH DAKOTA
LABOR MARKET ADVISOR

October, 1989

GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

Micheal V. Deisz
Executive Director

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Chief (701) 224-2868

THE 1990 ANNUAL PLANNING REPORT: NOT NECESSARILY THE NEWS

The 1990 Annual Planning Report was distributed to over 400 individuals, state agencies, and private concerns in October. The report presents Job Service North Dakota's overall labor market short-term review and outlook through 1990. For the 400 recipients of the report, this article will not necessarily be news. On the other hand, for those who still have some questions concerning the direction the labor market has come from and where it appears to be heading, the report may be of interest.

Annual Planning Reports for North Dakota have historically developed information at the county level, the smallest geographic area for which labor market data are consistently published throughout the United States. In addition to providing as much county-level data as possible (with references to sources of added detail), the report defines the concepts used throughout the country to measure and evaluate the nature and direction of employment change and growth.

The objective of developing county-level data represents an attempt to make the report as meaningful and useful to as many people as possible. (However, some types of information, and often the most interesting data, can only be published at the state level.) In addition, forecasts of performance in such key industries as agriculture, manufacturing, or mining focus on specific commodities such as oil or wheat, or are aimed at the state's economic performance in general. These state-level or commodity-specific forecasts are drawn into the report along with county-level labor market information in order to facilitate the reader's interpretation of the link between state-level data, employment growth forecasts, and local interests.

The available data indicates that the rate of farm loss between 1987 and 1989 has slowed down compared to the rate of loss between 1980 and 1986. In the nonagricultural wage and salary labor market, after crumbling during 1984, 1985 and 1986, employment growth stood at 1.1 percent in 1987 and 1.3 percent in 1988. Employment growth for all of 1989 is expected to slow somewhat, due partly to the continued drought, while the major constraint to job growth in the state during 1990 will be the slower growth of the national economy.

While nonagricultural job growth has been relatively strong, the wages associated with that job growth have not kept pace with the rate of inflation. On the other hand, two industries which have been at the heart of increased employment opportunities have average earnings per Job Insurance covered job that are well above the statewide all-industries earnings rate of $1,375.72 per month (1988 data). The manufacture of machinery and transportation equipment, at 5,000 jobs in this month's Labor Market Advisor, has shown strong growth during the past two years, while the combined industries of trucking and warehousing (5,200 jobs in October) have been growing steadily for several years. Moreover, the report indicates that these two industries will continue to grow over the forecast horizon.

Finally, what impact has the crisis in agriculture and the mid-decade upheaval in the wage and salary labor market had on North Dakota's population and labor force? The definitive answer to that question lies in the Decennial Census, scheduled for April of 1990. In the meantime, two sources of information have given us a glimpse into the effects of economic forces on the state's population. The report notes that both the October 1988 special labor

force census of the Standing Rock Indian Reservation, and the April 1987 Decennial Test Census of ten counties in west north central North Dakota reveal a substantial loss of population directly related to agriculture. But not everyone has left rural areas, and there is a pattern to the out-migration. Among non-Indians, nearly everyone who has remained in Sioux county is employed. Although there are indications that adult females would like to improve their employment opportunities (increase the number of hours worked or change from part-time to full-time work) the solution to the crisis in agriculture appears to have been out-migration.

The pattern of out-migration for the counties which have been surveyed by the Census Bureau indicates that those who have left rural areas are more likely to be the younger members of the post-war babyboom generation. The oldest of the boom generation are now 42 years old, while the youngest are 25. In 1980, the boom generation comprised one-third of the state's total population and it was this group that was exposed to the bulk of the labor market turmoil during the decade. As a result of selective out-migration, rural North Dakota's labor force is comparatively older than either the state's urban labor force or the nation's labor force. As North Dakota's labor force matures, so does its expectations about the quality of employment opportunities and working conditions. The supply of labor in North Dakota is aging more rapidly than in the nation as a whole, and this trend will be an important factor in North Dakota's economy during the next decade rather than simply part of the short-term outlook to which most of the Annual Planning Report directs itself.

Population, labor force, wage rates, the history of employment and the forecast for growth in North Dakota represent just some of the topics covered in the report. If you are interested in receiving a copy of the Annual Planning Report, the Research and Statistics section can be reached at the address and telephone number on the title page of this publication.

Tom Gallagher
Research Analyst

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	October 1989	September 1989	September 1989	October 1988	October 1988
TOTAL	266,250	263,450	1.1%	261,500	1.8%
MINING	4,050	4,050	0.0%	4,250	-4.7%
Coal	1,100	1,100	0.0%	1,100	0.0%
Crude Petroleum & Nat.Gas	2,500	2,500	0.0%	2,700	-7.4%
Other Mining	450	450	0.0%	450	0.0%
CONSTRUCTION	11,900	12,000	-0.8%	11,500	3.5%
Building Construction	3,100	3,100	0.0%	2,900	6.9%
Street,Highway & Heavy	3,400	3,300	3.0%	3,100	9.7%
Special Trade Construction	5,400	5,600	-3.6%	5,500	-1.8%
MANUFACTURING	16,950	16,650	1.8%	16,950	0.0%
DURABLE GOODS	8,150	8,100	0.6%	7,550	7.9%
Stone, Clay & Glass	750	750	0.0%	800	-6.3%
Primary & Fab. Metals	950	900	5.6%	850	11.8%
Machinery & Trans. Equip	5,000	5,000	0.0%	4,600	8.7%
Other Durable Goods	1,450	1,450	0.0%	1,300	11.5%
NONDURABLE GOODS	8,800	8,550	2.9%	9,400	-6.4%
Food & Kindred Products	4,650	4,400	5.7%	5,050	-7.9%
Dairy Products	700	700	0.0%	700	0.0%
Fruit, Vegetables & Sugar	1,600	1,450	10.3%	1,950	-17.9%
Bakery Products	500	500	0.0%	500	0.0%
Other Food & Kindred	1,850	1,750	5.7%	1,900	-2.6%
Printing & Publishing	2,400	2,400	0.0%	2,400	0.0%
Other Nondurable Goods	1,750	1,750	0.0%	1,950	-10.3%
TRAN, COMM & UTILITIES	17,400	17,200	1.2%	17,300	0.6%
TRANSPORTATION	9,100	8,900	2.2%	9,000	1.1%
Trucking & Warehousing	5,200	5,100	2.0%	5,200	0.0%
Other Transportation	3,900	3,800	2.6%	3,800	2.6%
COMMUNICATION	3,600	3,600	0.0%	3,500	2.9%
UTILITIES	4,700	4,700	0.0%	4,800	-2.1%

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH October 1989	PREVIOUS MONTH September 1989	% CHANGE FROM September 1989	ONE YEAR AGO October 1988	% CHANGE FROM October 1988
TRADE	69,800	69,900	-0.1%	68,300	2.2%
WHOLESALE TRADE	19,300	19,300	0.0%	19,100	1.0%
Durable Goods	8,900	9,000	-1.1%	8,800	1.1%
Nondurable Goods	10,400	10,300	1.0%	10,300	1.0%
RETAIL TRADE	50,500	50,600	-0.2%	49,200	2.6%
General Merchandise	6,700	6,500	3.1%	6,700	0.0%
Food Stores	7,300	7,300	0.0%	6,900	5.8%
Auto Dlrs.& Serv.Stations	6,600	6,600	0.0%	6,600	0.0%
Apparel & Accessories	2,700	2,600	3.8%	2,600	3.8%
Other Retail	27,200	27,600	-1.4%	26,400	3.0%
FINANCE,INS & REAL ESTATE	12,150	12,250	-0.8%	12,200	-0.4%
FINANCE	6,500	6,500	0.0%	6,500	0.0%
Banking	4,100	4,100	0.0%	4,100	0.0%
Other Finance	2,400	2,400	0.0%	2,400	0.0%
INSURANCE	3,800	3,900	-2.6%	3,900	-2.6%
REAL ESTATE	1,850	1,850	0.0%	1,800	2.8%
SERVICES	67,000	66,600	0.6%	64,900	3.2%
Lodging	4,500	4,400	2.3%	4,400	2.3%
Health Services	27,800	27,800	0.0%	27,000	3.0%
Nursing Care & Hosp.	20,200	20,200	0.0%	19,700	2.5%
Other Medical Services	7,600	7,600	0.0%	7,300	4.1%
Other Services	34,700	34,400	0.9%	33,500	3.6%
GOVERNMENT	67,000	64,800	3.4%	66,100	1.4%
FEDERAL	10,700	10,700	0.0%	10,500	1.9%
STATE & LOCAL	56,300	54,100	4.1%	55,600	1.3%
STATE GOVERNMENT	20,400	18,700	9.1%	20,000	2.0%
Educational Services	13,300	11,400	16.7%	13,200	0.8%
Other State Government	7,100	7,300	-2.7%	6,800	4.4%
LOCAL GOVERNMENT	35,900	35,400	1.4%	35,600	0.8%
Educational Services	18,200	17,100	6.4%	17,800	2.2%
Other Local Government	17,700	18,300	-3.3%	17,800	-0.6%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	October 1989	September 1989	September 1989	October 1988	October 1988
FARGO-MOORHEAD MSA					
TOTAL	77,550	75,400	2.9%	74,950	3.5%
MINING & CONST.	4,000	4,000	0.0%	3,800	5.3%
MANUFACTURING	5,350	5,400	-0.9%	5,150	3.9%
Durable Goods	2,400	2,400	0.0%	2,200	9.1%
Nondurable Goods	2,950	3,000	-1.7%	2,950	0.0%
TRANS., COMM. & UTIL.	5,000	5,000	0.0%	4,800	4.2%
TRADE	22,300	22,200	0.5%	21,700	2.8%
Wholesale Trade	6,900	6,900	0.0%	6,600	4.5%
Retail Trade	15,400	15,300	0.7%	15,100	2.0%
FINANCE, INS. & R E	4,500	4,500	0.0%	4,400	2.3%
SERVICES	21,500	20,200	6.4%	20,600	4.4%
GOVERNMENT	14,900	14,100	5.7%	14,500	2.8%
Federal	2,200	2,200	0.0%	2,100	4.8%
State & Local	12,700	11,900	6.7%	12,400	2.4%
GRAND FORKS MSA					
TOTAL	32,050	30,600	4.7%	31,250	2.6%
MINING & CONST.	1,500	1,600	-6.3%	1,550	-3.2%
MANUFACTURING	1,600	1,600	0.0%	1,650	-3.0%
TRANS., COMM. & UTIL.	1,750	1,650	6.1%	1,650	6.1%
TRADE	9,300	9,050	2.8%	8,900	4.5%
Wholesale Trade	1,600	1,550	3.2%	1,500	6.7%
Retail Trade	7,700	7,500	2.7%	7,400	4.1%
FINANCE, INS. & R E	1,100	1,100	0.0%	1,100	0.0%
SERVICES	6,900	6,900	0.0%	6,800	1.5%
GOVERNMENT	9,900	8,700	13.8%	9,600	3.1%
BISMARCK MSA					
TOTAL	39,650	39,700	-0.1%	38,250	3.7%
MINING	200	200	0.0%	200	0.0%
CONSTRUCTION	1,700	1,750	-2.9%	1,650	3.0%
MANUFACTURING	2,200	2,200	0.0%	2,200	0.0%
TRANS., COMM. & UTIL.	2,800	2,700	3.7%	2,700	3.7%
TRADE	10,400	10,500	-1.0%	9,900	5.1%
Wholesale Trade	2,200	2,200	0.0%	2,200	0.0%
Retail Trade	8,200	8,300	-1.2%	7,700	6.5%
FINANCE, INS. & R E	1,550	1,550	0.0%	1,600	-3.1%
SERVICES	12,000	12,000	0.0%	11,400	5.3%
GOVERNMENT	8,800	8,800	0.0%	8,600	2.3%

LABOR FORCE

NORTH DAKOTA AND MSA'S

	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	October 1989	September 1989	September 1989	October 1988	October 1988
UNITED STATES					
(In Thousands)					
Labor Force	125,815	125,742	0.1%	123,778	1.6%
Employment	119,254	119,158	0.1%	117,260	1.7%
Unemployment	6,561	6,584	-0.3%	6,518	0.7%
Unemployment Rate	5.2%	5.2%	xxx	5.3%	xxx
NORTH DAKOTA					
Labor Force	328,860	330,850	-0.6%	327,630	0.4%
Employment	316,240	316,910	-0.2%	313,940	0.7%
Unemployment	12,620	13,940	-9.5%	13,690	-7.8%
Unemployment Rate	3.8%	4.2%	xxx	4.2%	xxx
FARGO-MOORHEAD MSA					
Labor Force	86,820	85,570	1.5%	85,560	1.5%
Employment	84,930	83,370	1.9%	83,620	1.6%
Unemployment	1,890	2,200	-14.1%	1,940	-2.6%
Unemployment Rate	2.2%	2.6%	xxx	2.3%	xxx
GRAND FORKS MSA					
Labor Force	35,680	35,120	1.6%	34,960	2.1%
Employment	34,410	33,700	2.1%	33,730	2.0%
Unemployment	1,270	1,420	-10.6%	1,230	3.3%
Unemployment Rate	3.6%	4.1%	xxx	3.5%	xxx
BISMARCK MSA					
Labor Force	46,200	47,210	-2.1%	44,240	4.4%
Employment	44,410	45,130	-1.6%	42,390	4.8%
Unemployment	1,790	2,080	-13.9%	1,850	-3.2%
Unemployment Rate	3.9%	4.4%	xxx	4.2%	xxx

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area [illegible] includes Grand Forks County.
The Bismarck MSA includes Burlei[illegible] Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
September 1989

	NORTH DAKOTA	MINNESOTA	SOUTH DAKOTA	MONTANA
Labor Force	330.8	2,353.3	365.4	401.9
Employment	316.9	2,258.0	351.1	381.5
Unemployment	13.9	95.3	14.3	20.4
Unemployment Rate	4.2%	4.1%	3.9%	5.1%

UNITED STATES

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1989	September 1989	October 1988	October 1989	September 1989	October 1988	October 1989	September 1989	October 1988
MANUFACTURING	432.14	434.66	423.33	41.0	41.2	41.3	10.54	10.55	10.25
Durable Goods	459.82	462.87	453.18	41.5	41.7	42.0	11.08	11.10	10.79
Nondurable Goods	394.94	397.88	382.45	40.3	40.6	40.3	9.80	9.80	9.49

NORTH DAKOTA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1989	September 1989	October 1988	October 1989	September 1989	October 1988	October 1989	September 1989	October 1988
MANUFACTURING	361.09	360.70	336.00	40.3	39.9	40.0	8.96	9.04	8.40
Durable Goods	399.90	402.75	362.34	43.0	43.4	41.6	9.30	9.28	8.71
Nondurable Goods	323.84	317.63	313.82	37.7	36.3	38.6	8.59	8.75	8.13
Food & Kindred	333.32	330.63	329.89	39.4	37.7	41.6	8.46	8.77	7.93
Printing and Publishing	292.32	287.35	278.30	31.5	30.7	31.2	9.28	9.36	8.92

FARGO-MOORHEAD MSA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1989	September 1989	October 1988	October 1989	September 1989	October 1988	October 1989	September 1989	October 1988
MANUFACTURING	381.36	388.94	345.77	42.0	42.6	40.3	9.08	9.13	8.58
Durable Goods	397.46	422.42	337.20	42.6	44.7	40.0	9.33	9.45	8.43
Nondurable Goods	368.16	358.97	352.81	41.6	40.7	40.6	8.85	8.82	8.69

U. S. CONSUMER PRICE INDEX

ALL URBAN CONSUMERS

(1982-84=100)

ITEM	ANNUAL AVERAGE 1988	October 1989	September 1989	Percent Change From September 1989	October 1988	Percent Change From October 1988
All Items	118.3	125.6	125.0	0.5%	120.2	4.5%
Food & Beverage	118.2	126.3	125.9	0.3%	120.3	5.0%
Housing	118.5	124.4	124.3	0.1%	119.9	3.8%
Apparel & Upkeep	115.4	122.7	120.0	2.3%	120.7	1.7%
Transportation	108.7	114.5	113.7	0.7%	110.0	4.1%
Medical Care	138.6	152.7	151.7	0.7%	141.2	8.1%
Entertainment	120.3	128.4	127.8	0.5%	121.8	5.4%

PRODUCER PRICE INDEX

UNITED STATES AVERAGE

ITEM	ANNUAL AVERAGE 1988	October 1989	September 1989	Percent Change From September 1989	October 1988	Percent Change From October 1988
All Commodities	106.9	112.7	112.3	0.4%	108.2	4.2%
Farm Products & Processed Foods and Feeds	110.0	114.3	114.4	-0.1%	113.5	0.7%
Industrial Commodities	106.3	112.4	111.9	0.4%	107.1	4.9%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	OCT'89	SEP'89	OCT'88	OCT'89	SEP'89	OCT'88	OCT'89	SEP'89	OCT'88	OCT'89	SEP'89	OCT'88
Divide	1,394	1,411	1,354	1,355	1,375	1,311	39	36	43	2.8%	2.6%	3.2%
McKenzie	3,228	3,274	2,819	3,102	3,135	2,703	126	139	116	3.9%	4.2%	4.1%
Williams	11,312	11,667	11,685	10,803	11,153	11,119	509	514	566	4.5%	4.4%	4.8%
REGION 1	15,934	16,352	15,858	15,260	15,663	15,133	674	689	725	4.2%	4.2%	4.6%
Bottineau	3,435	3,484	3,529	3,265	3,327	3,333	170	157	196	4.9%	4.5%	5.6%
Burke	1,458	1,470	1,257	1,398	1,410	1,193	60	60	64	4.1%	4.1%	5.1%
McHenry	2,524	2,665	2,597	2,321	2,418	2,348	203	247	249	8.0%	9.3%	9.6%
Mountrail	3,330	3,400	3,231	3,115	3,165	2,994	215	235	237	6.5%	6.9%	7.3%
Pierce	2,501	2,516	2,433	2,435	2,446	2,364	66	70	69	2.6%	2.8%	2.8%
Renville	1,263	1,281	1,225	1,201	1,217	1,164	62	64	61	4.9%	5.0%	5.0%
Ward	26,022	26,147	26,225	24,889	24,870	24,952	1,133	1,277	1,273	4.4%	4.9%	4.9%
REGION 2	40,533	40,963	40,497	38,624	38,853	38,348	1,909	2,110	2,149	4.7%	5.2%	5.3%
Benson	3,006	3,179	3,924	2,671	2,769	3,734	335	410	190	11.1%	12.9%	4.8%
Cavalier	2,614	2,650	2,689	2,506	2,513	2,557	108	137	132	4.1%	5.2%	4.9%
Eddy	1,496	1,511	1,382	1,415	1,425	1,294	81	86	88	5.4%	5.7%	6.4%
Ramsey	6,525	6,594	6,368	6,316	6,363	6,162	209	231	206	3.2%	3.5%	3.2%
Rolette	4,899	5,095	4,337	4,273	4,408	3,603	626	687	734	12.8%	13.5%	16.9%
Towner	1,823	1,835	1,734	1,784	1,797	1,694	39	38	40	2.1%	2.1%	2.3%
REGION 3	20,363	20,864	20,434	18,965	19,275	19,044	1,398	1,589	1,390	6.9%	7.6%	6.8%
Grand Forks	35,687	35,125	34,958	34,414	33,701	33,727	1,273	1,424	1,231	3.6%	4.1%	3.5%
Nelson	1,953	1,987	1,913	1,889	1,921	1,835	64	66	78	3.3%	3.3%	4.1%
Pembina	5,808	5,577	6,031	5,401	5,153	5,555	407	424	476	7.0%	7.6%	7.9%
Walsh	7,969	8,224	8,135	7,615	7,849	7,731	354	375	404	4.4%	4.6%	5.0%
REGION 4	51,417	50,913	51,037	49,319	48,624	48,848	2,098	2,289	2,189	4.1%	4.5%	4.3%
Cass	61,203	60,545	59,703	59,861	59,143	58,361	1,342	1,402	1,342	2.2%	2.3%	2.2%
Ransom	2,724	2,792	2,724	2,658	2,722	2,643	66	70	81	2.4%	2.5%	3.0%
Richland	8,654	8,668	9,063	8,402	8,363	8,711	252	305	352	2.9%	3.5%	3.9%
Sargent	2,678	2,728	2,649	2,618	2,664	2,594	60	64	55	2.2%	2.3%	2.1%
Steele	1,149	1,118	1,178	1,077	1,070	1,124	72	48	54	6.3%	4.3%	4.6%
Traill	4,511	4,521	4,686	4,399	4,316	4,542	112	205	144	2.5%	4.5%	3.1%
REGION 5	80,919	80,372	80,003	79,015	78,278	77,975	1,904	2,094	2,028	2.4%	2.6%	2.5%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	OCT'89	SEP'89	OCT'88	OCT'89	SEP'89	OCT'88	OCT'89	SEP'89	OCT'88	OCT'89	SEP'89	OCT'88
Barnes	5,877	5,913	5,535	5,759	5,768	5,383	118	145	152	2.0%	2.5%	2.7%
Dickey	3,019	3,059	3,177	2,961	2,985	3,047	58	74	130	1.9%	2.4%	4.1%
Foster	2,254	2,251	2,186	2,186	2,167	2,103	68	84	83	3.0%	3.7%	3.8%
Griggs	1,682	1,630	1,627	1,610	1,582	1,559	72	48	68	4.3%	2.9%	4.2%
La Moure	2,256	2,313	2,372	2,208	2,251	2,298	48	62	74	2.1%	2.7%	3.1%
Logan	1,440	1,447	1,533	1,423	1,413	1,495	17	34	38	1.2%	2.3%	2.5%
McIntosh	2,191	2,183	2,280	2,154	2,131	2,242	37	52	38	1.7%	2.4%	1.7%
Stutsman	11,943	12,144	12,419	11,649	11,791	12,045	294	353	374	2.5%	2.9%	3.0%
Wells	2,866	2,880	2,877	2,711	2,729	2,718	155	151	159	5.4%	5.2%	5.5%
REGION 6	33,528	33,820	34,006	32,661	32,817	32,890	867	1,003	1,116	2.6%	3.0%	3.3%
Burleigh	33,705	34,431	32,262	32,459	32,980	30,981	1,246	1,451	1,281	3.7%	4.2%	4.0%
Emmons	2,233	2,235	2,172	2,150	2,131	2,084	83	104	88	3.7%	4.7%	4.1%
Grant	1,887	1,847	1,805	1,792	1,765	1,713	95	82	92	5.0%	4.4%	5.1%
Kidder	1,517	1,505	1,535	1,434	1,413	1,445	83	92	90	5.5%	6.1%	5.9%
McLean	4,141	4,389	4,701	3,945	4,098	4,464	196	291	237	4.7%	6.6%	5.0%
Mercer	5,511	5,632	6,071	5,188	5,259	5,697	323	373	374	5.9%	6.6%	6.2%
Morton	12,499	12,772	11,976	11,955	12,147	11,411	544	625	565	4.4%	4.9%	4.7%
Oliver	937	965	1,433	889	907	1,390	48	58	43	5.1%	6.0%	3.0%
Sheridan	1,130	1,116	1,148	1,093	1,066	1,072	37	50	76	3.3%	4.5%	6.6%
Sioux	1,262	1,244	1,200	1,161	1,138	1,091	101	106	109	8.0%	8.5%	9.1%
REGION 7	64,822	66,136	64,303	62,066	62,904	61,348	2,756	3,232	2,955	4.3%	4.9%	4.6%
Adams	1,652	1,691	1,729	1,615	1,643	1,675	37	48	54	2.2%	2.8%	3.1%
Billings	886	865	788	861	839	734	25	26	54	2.8%	3.0%	6.9%
Bowman	2,153	2,152	2,209	2,081	2,094	2,088	72	58	121	3.3%	2.7%	5.5%
Dunn	1,829	1,778	1,657	1,722	1,672	1,534	107	106	123	5.9%	6.0%	7.4%
Gldn Valley	1,013	1,064	1,132	992	1,038	1,089	21	26	43	2.1%	2.4%	3.8%
Hettinger	1,784	1,813	1,815	1,738	1,749	1,756	46	64	59	2.6%	3.5%	3.3%
Slope	437	422	507	408	390	464	29	32	43	6.6%	7.6%	8.5%
Stark	11,587	11,655	11,648	10,913	11,077	11,012	674	578	636	5.8%	5.0%	5.5%
REGION 8	21,341	21,440	21,485	20,330	20,502	20,352	1,011	938	1,133	4.7%	4.4%	5.3%
STATE TOTALS	328,861	330,853	327,625	316,242	316,914	313,937	12,619	13,939	13,688	3.8%	4.2%	4.2%

DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12 of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded form the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index", it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

PRODUCER PRICE INDEX: This index measures of the average changes in proces received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay form the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

FARGO
1350 32nd Street South
Phone: 237-7113

JAMESTOWN
429 2nd Street Southwest
Phone: 251-2256

BEULAH
119 East Main
Phone: 873-5607

DEVILS LAKE
3011 South College Drive
Phone: 662- 2181

GRAND FORKS
2016 South Washington
Phone: 777-3711

MANDAN
501 1st Street Northwest
Phone: 663-6461

ROLLA
103 East Main
Phone: 477-5631

UND - GRAND FORKS
McCannel Hall - Room 141
Phone: 777-3904

DICKINSON
66 Osborn Drive
Phone: 227-2361

GRAFTON
728 Hill Avenue South
Phone: 352-2202

MINOT
3416 North Broadway
Phone: 852-2164

NDSU - FARGO
Job Information and
Placement Center 211 Ceres Hall
Phone: 237-7111

VALLEY CITY
2425 West Main
Phone: 845-7261

WAHPETON
524 2nd Avenue North
Phone: 671-2711

WILLISTON
422 1st Avenue West
Phone: 572-7771

NEW TOWN
Tribal Administration Building
Phone: 627-4390

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November, 1989

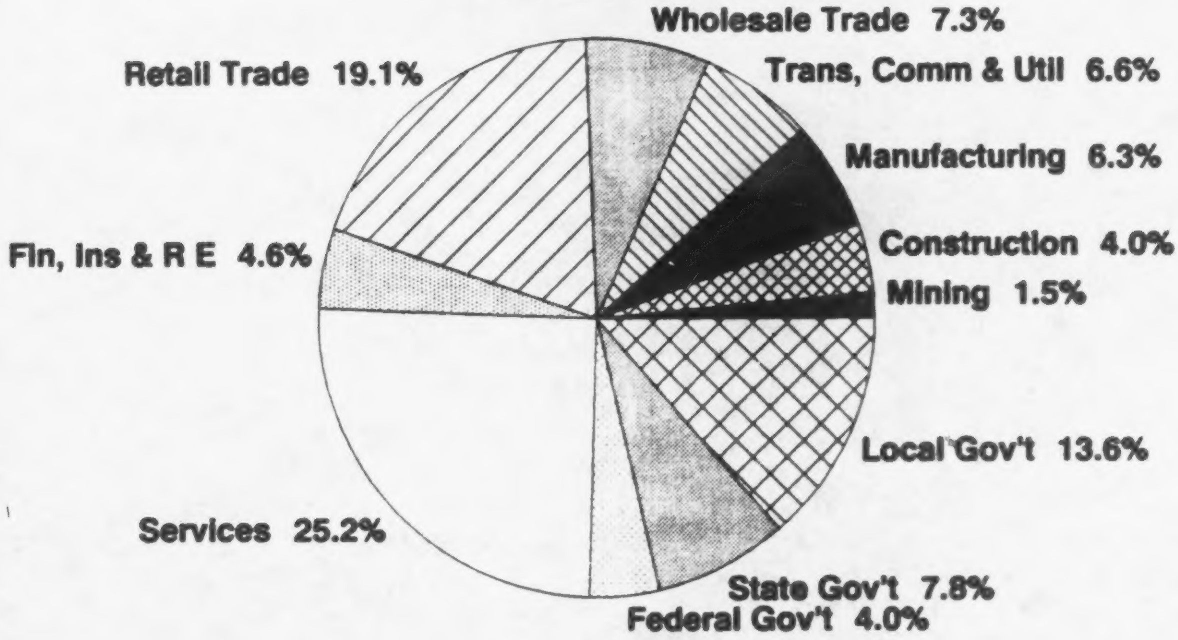
Volume 5, Number 11

JOB
SERVICE
North Dakota

The North Dakota Labor Market Advisor

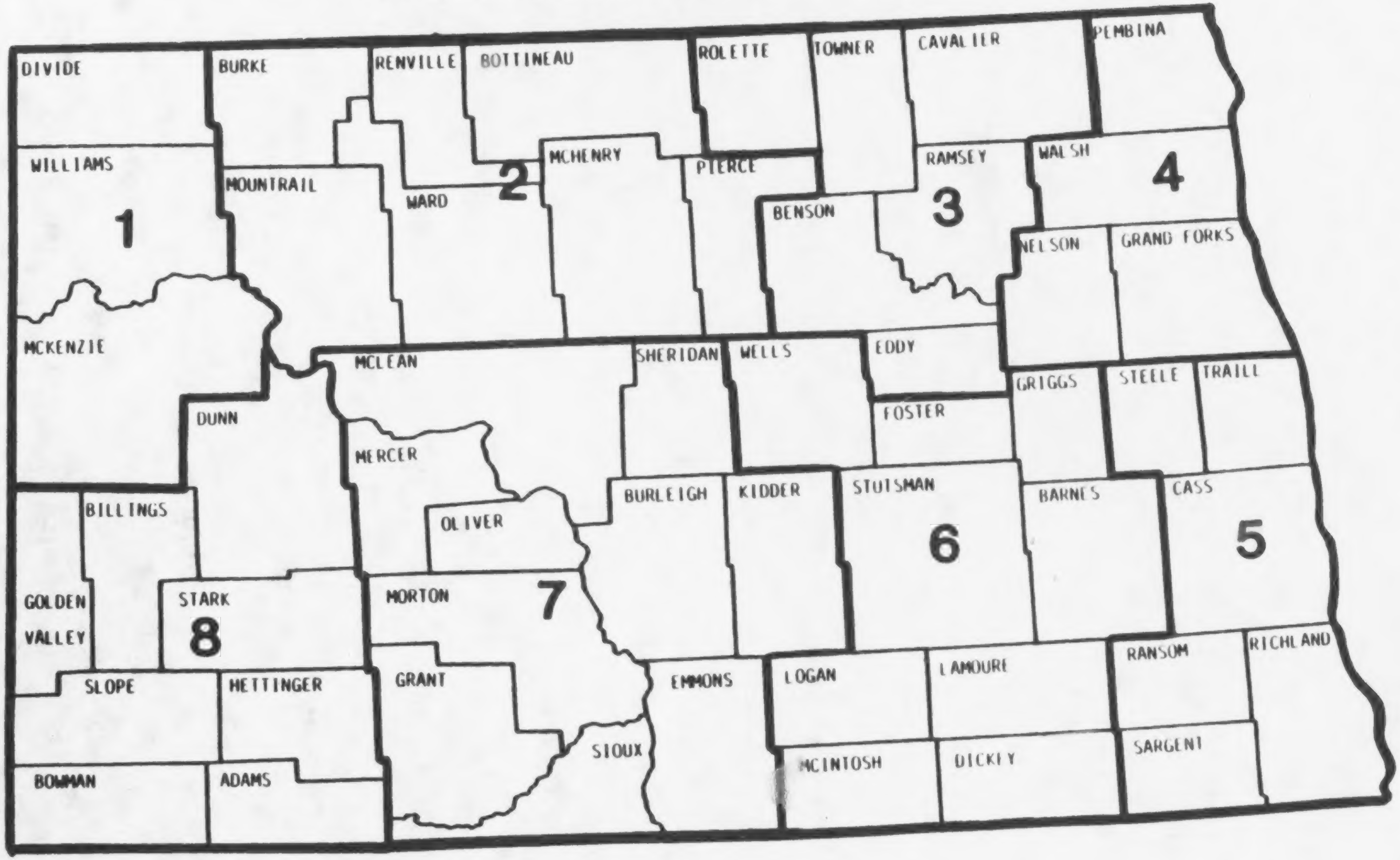
Total Nonag Wage and Salary Employment By Major Industrial Sector

November, 1989



NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
MOUNTRAIL
WARD
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MCHENRY
PIERCE
BENSON
RAMSEY
3
WALSH
4
1
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
GRIGGS
STEELE
TRAILL
DUNN
FOSTER
MERCER
BILLINGS
BURLEIGH
KIDDER
STUTSMAN
BARNES
CASS
OLIVER
6
5
GOLDEN VALLEY
STARK
8
MORTON
7
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
SIOUX
MCINTOSH
DICKEY
SARGENT
BOWMAN
ADAMS

THE
NORTH DAKOTA
LABOR MARKET ADVISOR

November, 1989

GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

Micheal V. Deisz
Executive Director

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Chief (701) 224-2868

LABOR MARKET INFORMATION

For many years now, the Research and Statistics section of Job Service North Dakota has tried to provide labor market information (LMI) to individuals, businesses, and other government agencies. In 1976, the requests for LMI blossomed as a surge of businesses, consultants, and government agencies became involved in environmental impact studies related to the expansion of the coal- burning, electrical-generating plants and the coal conversion plant. It was at this time that the labor market information unit started to take shape. Over the years, the unit has produced and distributed a tremendous number of LMI publications, answered thousands of questions, and referred a large number of people to other organizations for additional information.

Some of the publications the LMI unit produces and distributes include:

1. **Wage and Benefit Surveys.** Every year, the LMI unit surveys various cities, according to a predetermined schedule, with Bismarck-Mandan, Fargo, Grafton, Grand Forks, and Mercer County surveyed during odd-numbered years, and Devils Lake, Dickinson, Jamestown, Minot, Valley City, and Williston surveyed during even-numbered years. In January of each year, all the surveys from the two most current years are combined to form a statewide survey. All surveys provide average hourly starting wages, average hourly high wages, and the overall average hourly wage by occupation. Approximately 200 occupations are included in the survey, but usually less than 150 are published in each geographic location because of confidentiality rules. Also included are tabular data listing the percentage of employers providing the number of paid days of vacation by the number of years of service, the number of days of paid sick leave, the types of insurance available and what percentage the employer pays, the types of retirement, and if raises are granted and how often.

2. **Occupational Employment Statistics (OES).** The information is based on employer surveys by industry, with the industries divided up over a three-year period. Staffing patterns for each major industry and for some subsectors are published. The data from these publications are used to produce supply/demand publications and industry/occupation projection publications.

3. **Local Employment Surveys.** These surveys profile the distribution of employment by industry, by city, including breakouts for female employment, part-time employment, female part-time employment, the number of unpaid family workers, and the number of self-employed. The number of firms by industry are also provided. The geographic areas surveyed are very similar to the wage and benefit surveys.

4. **Annual Planning Report.** This report provides a comprehensive analysis of North Dakota's economy by highlighting major trends. The publication includes numerous tables on population, labor force, short-term employment projections, occupational changes, and income data.

5. **Employment and Wages.** The information in this publication is obtained from the quarterly unemployment insurance reports filed by employers who have workers in North Dakota. Employers report the num-

ber of employees they have on payroll for each month in the quarter and their total quarterly payroll. By summarizing this information by industry and location, the data can be published on a county, planning region, and statewide basis.

6. **North Dakota Occupational Employment Projections to 1995.** Using the staffing patterns from the Occupational Employment Statistics surveys and some national data, the number of individuals employed in specific occupations are projected for the state. Total growth from 1985 (base year) to 1995 are presented, along with annual growth, annual separations, and annual openings. Work is currently progressing on the year 2000 projections.

7. **Census Data.** Job Service is an affiliate of the State Census Data Center at North Dakota State University and receives many of the hardbound census publications. One of these is called North Dakota Affirmative Action Information. This publication provides population, labor force, and occupational data by race and sex. Another census product created by the LMI unit is called 1980 Census At A Glance. Within this booklet are a variety of tables not found in the ordinary census publications. Census data for North Dakota cities are also found in this publication.

Many other data sources exist within the LMI unit. The personal knowledge the staff possesses is also useful, with each person having contacts outside the agency who can provide data unavailable within Job Service.

Despite the great number of resources, there are questions the LMI unit cannot answer. One of the most frequently asked questions concerns the cost of living for the state or cities within the state. People who ask this question are trying to compare how much it costs to live in the state versus some other state, or comparing the cost of living in one city versus another city within North Dakota. Unfortunately, we do not know of any source that can provide this data.

Another request often encountered is for the average income per person or family in a particular city or county. Data does exist for per capita income or median family income, but not in the level of detail often asked for.

A request often received is for a listing of the 10 largest firms in a certain area, or all firms with 100 or more employees. While it is possible for us to assemble this data, legislative mandates, protecting the confidentiality of the employers providing the data, prohibit us from releasing the information.

A fourth request for information we cannot provide is a listing of how many people with specific occupational skills are seeking employment within a certain geographical area. However, a listing is available which shows some of the characteristics of people seeking employment who have registered with Job Service. The listing is by county of residence and by the occupation that the applicant last held.

Persons interested in the labor market information available can request a copy of a publication produced jointly by Job Service North Dakota and the North Dakota Occupational Information Coordinating Committee entitled Directory of Labor Market and Occupational Information. The publication is free and can be obtained by calling (701) 224-3048.

Warren Boyd

Research Analyst

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH November 1989	PREVIOUS MONTH October 1989	% CHANGE FROM October 1989	ONE YEAR AGO November 1988	% CHANGE FROM November 1988
TOTAL	265,400	266,400	-0.4%	259,750	2.2%
MINING	3,950	4,050	-2.5%	4,050	-2.5%
Coal	1,100	1,100	0.0%	1,100	0.0%
Crude Petroleum & Nat.Gas	2,500	2,500	0.0%	2,600	-3.8%
Other Mining	350	450	-22.2%	350	0.0%
CONSTRUCTION	10,600	11,800	-10.2%	10,500	1.0%
Building Construction	2,900	3,000	-3.3%	2,900	0.0%
Street,Highway & Heavy	2,500	3,400	-26.5%	2,400	4.2%
Special Trade Construction	5,200	5,400	-3.7%	5,200	0.0%
MANUFACTURING	16,800	17,200	-2.3%	16,600	1.2%
DURABLE GOODS	8,200	8,150	0.6%	7,500	9.3%
Stone, Clay & Glass	650	750	-13.3%	700	-7.1%
Primary & Fab. Metals	950	950	0.0%	850	11.8%
Machinery & Trans. Equip	5,100	5,000	2.0%	4,600	10.9%
Other Durable Goods	1,500	1,450	3.4%	1,350	11.1%
NONDURABLE GOODS	8,600	9,050	-5.0%	9,100	-5.5%
Food & Kindred Products	4,400	4,900	-10.2%	4,750	-7.4%
Dairy Products	700	700	0.0%	700	0.0%
Fruit, Vegetables & Sugar	1,400	1,850	-24.3%	1,600	-12.5%
Bakery Products	500	500	0.0%	500	0.0%
Other Food & Kindred	1,800	1,850	-2.7%	1,950	-7.7%
Printing & Publishing	2,400	2,400	0.0%	2,400	0.0%
Other Nondurable Goods	1,800	1,750	2.9%	1,950	-7.7%
TRAN, COMM & UTILITIES	17,400	17,300	0.6%	17,100	1.8%
TRANSPORTATION	9,200	9,100	1.1%	9,000	2.2%
Trucking & Warehousing	5,300	5,300	0.0%	5,200	1.9%
Other Transportation	3,900	3,800	2.6%	3,800	2.6%
COMMUNICATION	3,500	3,500	0.0%	3,500	0.0%
UTILITIES	4,700	4,700	0.0%	4,600	2.2%

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	November 1989	October 1989	October 1989	November 1988	November 1988
TRADE	70,100	69,800	0.4%	68,600	2.2%
WHOLESALE TRADE	19,300	19,300	0.0%	19,100	1.0%
Durable Goods	8,900	8,900	0.0%	8,800	1.1%
Nondurable Goods	10,400	10,400	0.0%	10,300	1.0%
RETAIL TRADE	50,800	50,500	0.6%	49,500	2.6%
General Merchandise	7,000	6,700	4.5%	7,000	0.0%
Food Stores	7,300	7,300	0.0%	7,000	4.3%
Auto Dlrs.& Serv.Stations	6,600	6,600	0.0%	6,500	1.5%
Apparel & Accessories	2,700	2,700	0.0%	2,700	0.0%
Other Retail	27,200	27,200	0.0%	26,300	3.4%
FINANCE,INS & REAL ESTATE	12,250	12,250	0.0%	12,200	0.4%
FINANCE	6,500	6,500	0.0%	6,500	0.0%
Banking	4,100	4,100	0.0%	4,100	0.0%
Other Finance	2,400	2,400	0.0%	2,400	0.0%
INSURANCE	3,900	3,900	0.0%	3,900	0.0%
REAL ESTATE	1,850	1,850	0.0%	1,800	2.8%
SERVICES	66,800	67,000	-0.3%	64,400	3.7%
Lodging	4,400	4,500	-2.2%	4,300	2.3%
Health Services	27,900	27,800	0.4%	27,000	3.3%
Nursing Care & Hosp.	20,300	20,200	0.5%	19,700	3.0%
Other Medical Services	7,600	7,600	0.0%	7,300	4.1%
Other Services	34,500	34,700	-0.6%	33,100	4.2%
GOVERNMENT	67,500	67,000	0.7%	66,300	1.8%
FEDERAL	10,700	10,700	0.0%	10,500	1.9%
STATE & LOCAL	56,800	56,300	0.9%	55,800	1.8%
STATE GOVERNMENT	20,700	20,400	1.5%	20,200	2.5%
Educational Services	13,700	13,300	3.0%	13,500	1.5%
Other State Government	7,000	7,100	-1.4%	6,700	4.5%
LOCAL GOVERNMENT	36,100	35,900	0.6%	35,600	1.4%
Educational Services	18,400	18,200	1.1%	18,000	2.2%
Other Local Government	17,700	17,700	0.0%	17,600	0.6%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	November 1989	October 1989	October 1989	November 1988	November 1988
FARGO-MOORHEAD MSA					
TOTAL	77,700	77,500	0.3%	74,900	3.7%
MINING & CONST.	3,600	4,000	-10.0%	3,500	2.9%
MANUFACTURING	5,400	5,400	0.0%	5,000	8.0%
Durable Goods	2,400	2,400	0.0%	2,100	14.3%
Nondurable Goods	3,000	3,000	0.0%	2,900	3.4%
TRANS., COMM. & UTIL.	4,900	4,900	0.0%	4,700	4.3%
TRADE	22,500	22,300	0.9%	22,000	2.3%
Wholesale Trade	6,900	6,900	0.0%	6,700	3.0%
Retail Trade	15,600	15,400	1.3%	15,300	2.0%
FINANCE, INS. & R E	4,500	4,500	0.0%	4,400	2.3%
SERVICES	21,700	21,500	0.9%	20,700	4.8%
GOVERNMENT	15,100	14,900	1.3%	14,600	3.4%
Federal	2,200	2,200	0.0%	2,100	4.8%
State & Local	12,900	12,700	1.6%	12,500	3.2%
GRAND FORKS MSA					
TOTAL	32,350	32,050	0.9%	31,600	2.4%
MINING & CONST.	1,350	1,500	-10.0%	1,450	-6.9%
MANUFACTURING	1,600	1,600	0.0%	1,750	-8.6%
TRANS., COMM. & UTIL.	1,800	1,750	2.9%	1,650	9.1%
TRADE	9,400	9,300	1.1%	8,950	5.0%
Wholesale Trade	1,600	1,600	0.0%	1,450	10.3%
Retail Trade	7,800	7,700	1.3%	7,500	4.0%
FINANCE, INS. & R E	1,100	1,100	0.0%	1,100	0.0%
SERVICES	6,900	6,900	0.0%	6,800	1.5%
GOVERNMENT	10,200	9,900	3.0%	9,900	3.0%
BISMARCK MSA					
TOTAL	39,750	39,550	0.5%	37,750	5.3%
MINING	200	200	0.0%	200	0.0%
CONSTRUCTION	1,500	1,700	-11.8%	1,450	3.4%
MANUFACTURING	2,200	2,200	0.0%	2,100	4.8%
TRANS., COMM. & UTIL.	2,700	2,700	0.0%	2,600	3.8%
TRADE	10,500	10,400	1.0%	9,900	6.1%
Wholesale Trade	2,200	2,200	0.0%	2,100	4.8%
Retail Trade	8,300	8,200	1.2%	7,800	6.4%
FINANCE, INS. & R E	1,550	1,550	0.0%	1,600	-3.1%
SERVICES	12,000	12,000	0.0%	11,300	6.2%
GOVERNMENT	9,100	8,800	3.4%	8,600	5.8%

LABOR FORCE

NORTH DAKOTA AND MSA'S

	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	November 1989	October 1989	October 1989	November 1988	November 1988
UNITED STATES					
(In Thousands)					
Labor Force	126,219	125,815	0.3%	124,215	1.6%
Employment	119,490	119,254	0.2%	117,652	1.6%
Unemployment	6,729	6,561	2.6%	6,563	2.5%
Unemployment Rate	5.3%	5.2%	xxx	5.3%	xxx
NORTH DAKOTA					
Labor Force	324,570	329,020	-1.4%	324,070	0.2%
Employment	311,260	316,380	-1.6%	309,690	0.5%
Unemployment	13,310	12,640	5.3%	14,380	-7.4%
Unemployment Rate	4.1%	3.8%	xxx	4.4%	xxx
FARGO-MOORHEAD MSA					
Labor Force	87,600	86,850	0.9%	85,640	2.3%
Employment	85,610	84,960	0.8%	83,710	2.3%
Unemployment	1,990	1,890	5.3%	1,930	3.1%
Unemployment Rate	2.3%	2.2%	xxx	2.3%	xxx
GRAND FORKS MSA					
Labor Force	36,150	35,730	1.2%	35,390	2.1%
Employment	34,870	34,460	1.2%	34,150	2.1%
Unemployment	1,280	1,270	0.8%	1,240	3.2%
Unemployment Rate	3.5%	3.6%	xxx	3.5%	xxx
BISMARCK MSA					
Labor Force	46,620	46,160	1.0%	44,450	4.9%
Employment	44,640	44,370	0.6%	42,400	5.3%
Unemployment	1,980	1,790	10.6%	2,050	-3.4%
Unemployment Rate	4.2%	3.9%	xxx	4.6%	xxx

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.
The Bismarck MSA includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
October1989

	NORTH DAKOTA	MINNESOTA	SOUTH DAKOTA	MONTANA
Labor Force	329.0	2,375.5	368.0	400.0
Employment	316.4	2,288.7	353.8	378.8
Unemployment	12.6	86.8	14.2	21.2
Unemployment Rate	3.8%	3.7%	3.9%	5.3%

UNITED STATES

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1989	October 1989	November 1988	November 1989	October 1989	November 1988	November 1989	October 1989	November 1988
MANUFACTURING	433.78	430.27	427.87	41.0	40.9	41.5	10.58	10.52	10.31
Durable Goods	459.54	457.88	457.87	41.4	41.4	42.2	11.10	11.06	10.85
Nondurable Goods	398.34	394.54	386.37	40.4	40.3	40.5	9.86	9.79	9.54

NORTH DAKOTA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1989	October 1989	November 1988	November 1989	October 1989	November 1988	November 1989	October 1989	November 1988
MANUFACTURING	356.66	369.22	325.20	40.3	42.1	38.9	8.85	8.77	8.36
Durable Goods	380.05	396.33	348.13	41.4	42.8	40.2	9.18	9.26	8.66
Nondurable Goods	332.35	343.62	305.80	39.1	41.5	37.8	8.50	8.28	8.09
Food & Kindred	354.90	366.51	326.03	42.2	45.7	40.4	8.41	8.02	8.07
Printing and Publishing	286.73	292.32	278.46	31.2	31.5	31.5	9.19	9.28	8.84

FARGO-MOORHEAD MSA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1989	October 1989	November 1988	November 1989	October 1989	November 1988	November 1989	October 1989	November 1988
MANUFACTURING	367.85	379.13	331.30	41.1	41.8	39.3	8.95	9.07	8.43
Durable Goods	373.70	399.75	325.98	40.4	42.8	38.9	9.25	9.34	8.38
Nondurable Goods	362.79	361.15	336.26	41.7	40.9	39.7	8.70	8.83	8.47

U. S. CONSUMER PRICE INDEX

ALL URBAN CONSUMERS

(1982-84=100)

ITEM	ANNUAL AVERAGE 1988	November 1989	October 1989	Percent Change From October 1989	November 1988	Percent Change From November 1988
All Items	118.3	125.9	125.6	0.2%	120.3	4.7%
Food & Beverage	118.2	126.7	126.3	0.3%	120.2	5.4%
Housing	118.5	124.5	124.4	0.1%	119.9	3.8%
Apparel & Upkeep	115.4	122.1	122.7	-0.5%	119.9	1.8%
Transportation	108.7	115.0	114.5	0.4%	110.7	3.9%
Medical Care	138.6	153.9	152.7	0.8%	141.8	8.5%
Entertainment	120.3	128.6	128.4	0.2%	122.2	5.2%

PRODUCER PRICE INDEX

UNITED STATES AVERAGE

ITEM	ANNUAL AVERAGE 1988	November 1989	October 1989	Percent Change From October 1989	November 1988	Percent Change From November 1988
All Commodities	106.9	112.7	112.7	0.0%	108.3	4.1%
Farm Products & Processed Foods and Feeds	110.0	115.4	114.3	1.0%	112.4	2.7%
Industrial Commodities	106.3	112.2	112.4	-0.2%	107.5	4.4%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	NOV'89	OCT'89	NOV'88	NOV'89	OCT'89	NOV'88	NOV'89	OCT'89	NOV'88	NOV'89	OCT'89	NOV'88
Divide	1,289	1,394	1,276	1,254	1,355	1,233	35	39	43	2.7%	2.8%	3.4%
McKenzie	2,982	3,228	2,706	2,896	3,103	2,603	86	125	103	2.9%	3.9%	3.8%
Williams	11,104	11,320	11,827	10,688	10,813	11,186	416	507	641	3.7%	4.5%	5.4%
REGION 1	15,375	15,942	15,809	14,838	15,271	15,022	537	671	787	3.5%	4.2%	5.0%
Bottineau	3,293	3,437	3,469	3,142	3,267	3,269	151	170	200	4.6%	4.9%	5.8%
Burke	1,410	1,459	1,218	1,341	1,399	1,161	69	60	57	4.9%	4.1%	4.7%
McHenry	2,447	2,532	2,453	2,198	2,324	2,182	249	208	271	10.2%	8.2%	11.0%
Mountrail	3,207	3,333	3,138	3,011	3,117	2,896	196	216	242	6.1%	6.5%	7.7%
Pierce	2,412	2,505	2,349	2,355	2,436	2,256	57	69	93	2.4%	2.8%	4.0%
Renville	1,198	1,265	1,205	1,160	1,203	1,152	38	62	53	3.2%	4.9%	4.4%
Ward	26,107	26,041	26,588	24,854	24,910	25,134	1,253	1,131	1,454	4.8%	4.3%	5.5%
REGION 2	40,074	40,572	40,420	38,061	38,656	38,050	2,013	1,916	2,370	5.0%	4.7%	5.9%
Benson	2,817	3,007	3,858	2,516	2,673	3,677	301	334	181	10.7%	11.1%	4.7%
Cavalier	2,459	2,615	2,610	2,357	2,507	2,466	102	108	144	4.1%	4.1%	5.5%
Eddy	1,445	1,499	1,311	1,362	1,416	1,235	83	83	76	5.7%	5.5%	5.8%
Ramsey	6,651	6,532	6,438	6,428	6,322	6,157	223	210	281	3.4%	3.2%	4.4%
Rolette	4,845	4,904	4,038	4,235	4,277	3,437	610	627	601	12.6%	12.8%	14.9%
Towner	1,783	1,824	1,671	1,710	1,785	1,600	73	39	71	4.1%	2.1%	4.2%
REGION 3	20,000	20,381	19,926	18,608	18,980	18,572	1,392	1,401	1,354	7.0%	6.9%	6.8%
Grand Forks	36,154	35,735	35,396	34,872	34,462	34,153	1,282	1,273	1,243	3.5%	3.6%	3.5%
Nelson	1,911	1,955	1,873	1,788	1,889	1,775	123	66	98	6.4%	3.4%	5.2%
Pembina	5,328	5,811	5,518	4,837	5,406	5,042	491	405	476	9.2%	7.0%	8.6%
Walsh	7,373	7,977	7,804	7,005	7,622	7,448	368	355	356	5.0%	4.5%	4.6%
REGION 4	50,766	51,478	50,591	48,502	49,379	48,418	2,264	2,099	2,173	4.5%	4.1%	4.3%
Cass	61,652	61,193	59,976	60,313	59,852	58,621	1,339	1,341	1,355	2.2%	2.2%	2.3%
Ransom	2,586	2,726	2,582	2,508	2,660	2,514	78	66	68	3.0%	2.4%	2.6%
Richland	8,438	8,662	8,810	8,197	8,411	8,461	241	251	349	2.9%	2.9%	4.0%
Sargent	2,558	2,679	2,575	2,512	2,619	2,527	46	60	48	1.8%	2.2%	1.9%
Steele	999	1,149	1,080	962	1,078	1,027	37	71	53	3.7%	6.2%	4.9%
Traill	4,355	4,521	4,458	4,235	4,403	4,320	120	118	138	2.8%	2.6%	3.1%
REGION 5	80,588	80,930	79,481	78,727	79,023	77,470	1,861	1,907	2,011	2.3%	2.4%	2.5%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	NOV'89	OCT'89	NOV'88	NOV'89	OCT'89	NOV'88	NOV'89	OCT'89	NOV'88	NOV'89	OCT'89	NOV'88
Barnes	5,845	5,882	5,414	5,631	5,764	5,237	214	118	177	3.7%	2.0%	3.3%
Dickey	2,916	3,022	3,029	2,862	2,964	2,916	54	58	113	1.9%	1.9%	3.7%
Foster	2,247	2,257	2,142	2,131	2,189	2,071	116	68	71	5.2%	3.0%	3.3%
Griggs	1,530	1,682	1,508	1,487	1,611	1,457	43	71	51	2.8%	4.2%	3.4%
La Moure	2,119	2,257	2,215	2,062	2,209	2,144	57	48	71	2.7%	2.1%	3.2%
Logan	1,358	1,442	1,479	1,312	1,425	1,431	46	17	48	3.4%	1.2%	3.2%
McIntosh	2,093	2,193	2,218	2,050	2,156	2,167	43	37	51	2.1%	1.7%	2.3%
Stutsman	12,022	11,960	12,327	11,488	11,659	11,838	534	301	489	4.4%	2.5%	4.0%
Wells	2,760	2,868	2,781	2,586	2,714	2,570	174	154	211	6.3%	5.4%	7.6%
REGION 6	32,890	33,563	33,113	31,609	32,691	31,831	1,281	872	1,282	3.9%	2.6%	3.9%
Burleigh	33,973	33,671	32,355	32,623	32,428	30,990	1,350	1,243	1,365	4.0%	3.7%	4.2%
Emmons	2,082	2,235	2,082	1,983	2,152	1,959	99	83	123	4.8%	3.7%	5.9%
Grant	1,667	1,887	1,684	1,600	1,792	1,596	67	95	88	4.0%	5.0%	5.2%
Kidder	1,455	1,517	1,449	1,326	1,434	1,355	129	83	94	8.9%	5.5%	6.5%
McLean	4,146	4,142	4,499	3,902	3,947	4,247	244	195	252	5.9%	4.7%	5.6%
Mercer	5,351	5,522	5,936	5,005	5,194	5,543	346	328	393	6.5%	5.9%	6.6%
Morton	12,647	12,492	12,094	12,015	11,944	11,414	632	548	680	5.0%	4.4%	5.6%
Oliver	922	937	1,294	849	889	1,237	73	48	57	7.9%	5.1%	4.4%
Sheridan	1,057	1,131	1,087	980	1,094	997	77	37	90	7.3%	3.3%	8.3%
Sioux	1,274	1,265	1,169	1,191	1,161	1,085	83	104	84	6.5%	8.2%	7.2%
REGION 7	64,574	64,799	63,649	61,474	62,035	60,423	3,100	2,764	3,226	4.8%	4.3%	5.1%
Adams	1,583	1,653	1,678	1,548	1,616	1,632	35	37	46	2.2%	2.2%	2.7%
Billings	619	886	725	587	861	677	32	25	48	5.2%	2.8%	6.6%
Bowman	2,042	2,153	2,139	1,999	2,082	2,042	43	71	97	2.1%	3.3%	4.5%
Dunn	1,685	1,829	1,525	1,567	1,723	1,410	118	106	115	7.0%	5.8%	7.5%
Gldn Valley	945	1,013	1,102	932	992	1,068	13	21	34	1.4%	2.1%	3.1%
Hettinger	1,636	1,784	1,756	1,579	1,738	1,649	57	46	107	3.5%	2.6%	6.1%
Slope	378	437	460	345	408	402	33	29	58	8.7%	6.6%	12.6%
Stark	11,412	11,593	11,691	10,886	10,922	11,018	526	671	673	4.6%	5.8%	5.8%
REGION 8	20,300	21,348	21,076	19,443	20,342	19,898	857	1,006	1,178	4.2%	4.7%	5.6%
STATE TOTALS	324,569	329,011	324,068	311,264	316,376	309,685	13,305	12,635	14,383	4.1%	3.8%	4.4%

DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

PRODUCER PRICE INDEX: This index measures of the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay form the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

FARGO
1350 32nd Street South
Phone: 237-7113

JAMESTOWN
429 2nd Street Southwest
Phone: 251-2256

BEULAH
119 East Main
Phone: 873-5607

DEVILS LAKE
3011 South College Drive
Phone: 662- 2181

GRAND FORKS
2016 South Washington
Phone: 777-3711

MANDAN
501 1st Street Northwest
Phone: 663-6461

ROLLA
103 East Main
Phone: 477-5631

UND - GRAND FORKS
McCannel Hall - Room 141
Phone: 777-3904

DICKINSON
66 Osborn Drive
Phone: 227-2361

GRAFTON
728 Hill Avenue South
Phone: 352-2202

MINOT
3416 North Broadway
Phone: 852-2164

NDSU - FARGO
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

VALLEY CITY
2425 West Main
Phone: 845-7261

WAHPETON
524 2nd Avenue North
Phone: 671-2711

WILLISTON
422 1st Avenue West
Phone: 572-7771

NEW TOWN
Tribal Administration Building
Phone: 627-4390

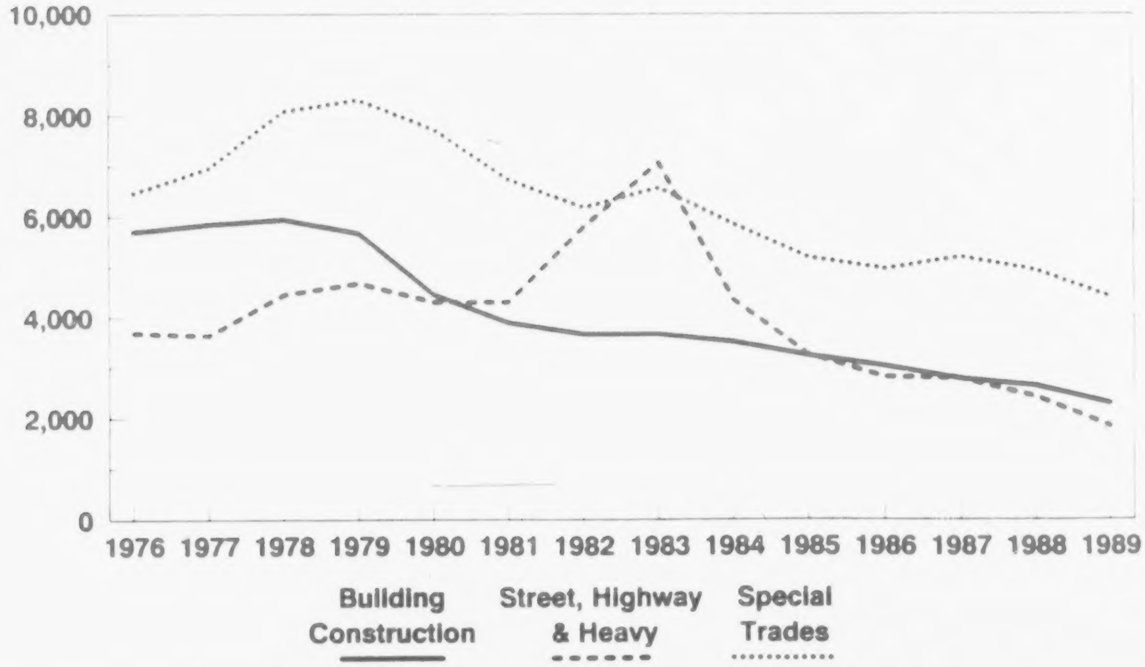
December, 1989

Volume 5, Number 12

JOB
SERVICE
North Dakota

The
North Dakota
Labor Market Advisor

CONSTRUCTION EMPLOYMENT
ANNUAL AVERAGES
1976 - 1989



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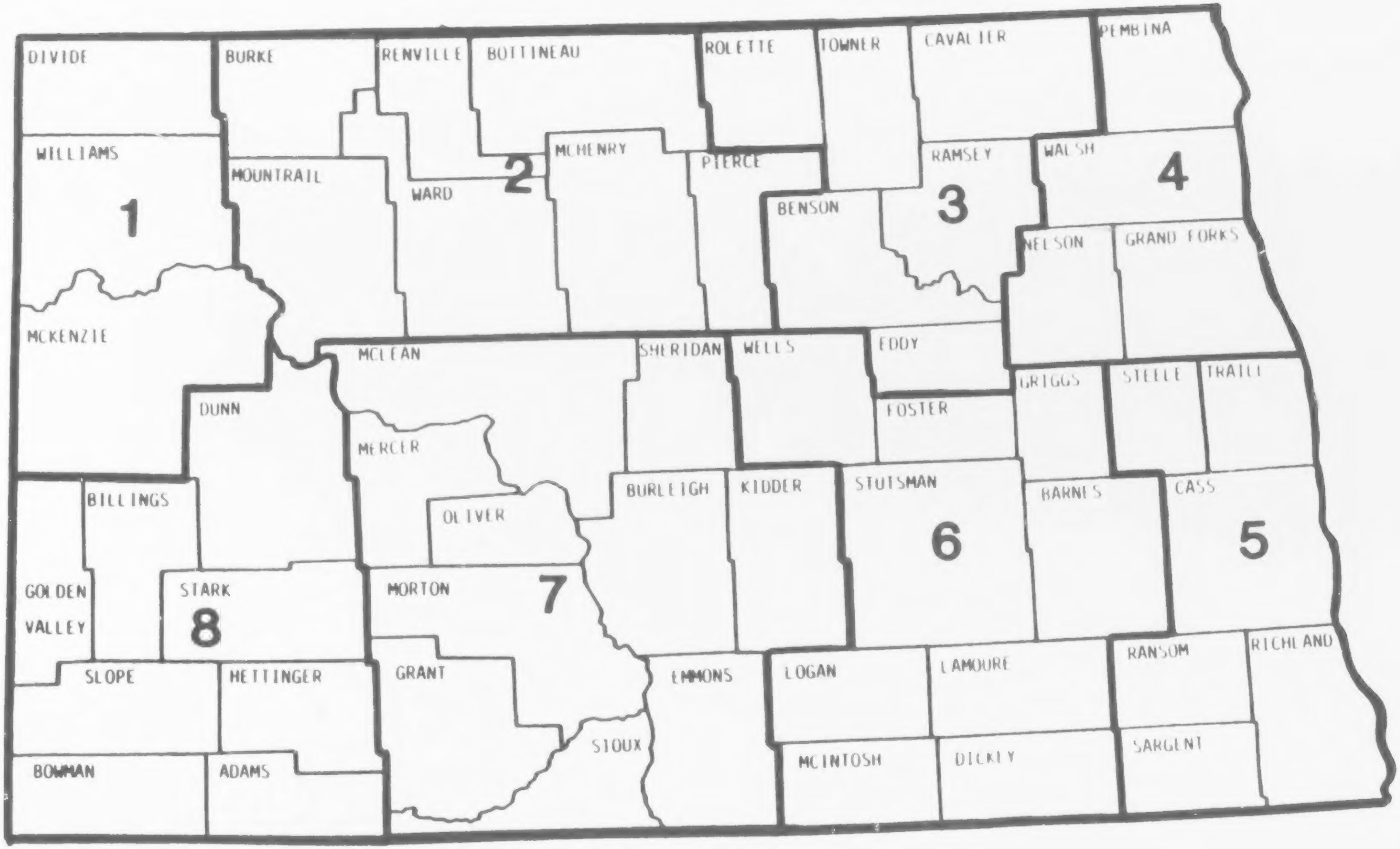
NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
MOUNTRAIL
2
MCHENRY
PIERCE
RAMSEY
WALSH
4
WARD
BENSON
3
1
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
GRIGGS
STEELE
TRAILL
DUNN
FOSTER
MERCER
BILLINGS
BURLEIGH
KIDDER
STUTSMAN
BARNES
CASS
OLIVER
6
5
GOLDEN VALLEY
STARK
MORTON
7
8
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
STOUX
SARGENT
BOWMAN
ADAMS
MCINTOSH
DICKEY

THE
NORTH DAKOTA
LABOR MARKET ADVISOR

December, 1989

GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

Micheal V. Deisz
Executive Director

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Chief (701) 224-2868

DISLOCATED BUILDING AND CONSTRUCTION TRADE WORKERS: NORTH DAKOTA'S RESPONSE

In July of 1988, Job Service North Dakota, in conjunction with the state American Federation of Labor-Congress of Industrial Organizations (AFL-CIO), applied for and received from the Department of Labor, a Title III JTPA discretionary grant to fund training or retraining programs for 500 dislocated construction workers for 18 months (extended to two years). A dislocated worker is defined as someone whose employment has permanently disappeared. The impetus for the program was twofold. A statewide recession in agriculture and mining in the early 1980's seriously affected the state's economy. As a result, employment opportunities in the North Dakota construction industry fell 43 percent between 1978 and 1988, from 17,520 to 10,000, causing serious, lengthy unemployment and out-migration.

Secondly, the construction industry is experiencing major technological change in materials and application. Recent techniques for road paving, plant construction, renovation, and electrical systems operation require a new level of technical expertise. North Dakota workers, largely because of the rural nature of the state, have at times lacked training opportunities in newer technological applications, making it harder for them to compete with workers from more urban areas. As a result, North Dakotans without training have remained unemployed while workers were brought in from other states.

These two trends, the recessed economy and a technologically changing field, have created a large pool of construction workers in North Dakota who need training to upgrade their existing skills or education to develop new ones.

The Governor has appointed the Job Service North Dakota Executive Director as the liaison responsible for administering all JTPA programs in the state.

A unique feature of this program is that Job Service North Dakota contracted with the state AFL-CIO for their assistance in its implementation. This partnership maximized the expertise of both groups. Job Service was responsible for administering all funds for the project, contracting with the providers for all training, registering participants according to JTPA Dislocated Worker guidelines, and keeping records of all program activity. The AFL-CIO, because of its close involvement with hundreds of construction workers statewide, could quickly identify eligible trainees and their upgrade training needs. To implement their responsibilities, the AFL-CIO hired an outreach worker to recruit participants statewide. Services were provided to workers regardless of union affiliation.

Opportunities offered to dislocated construction workers were: (1) short-term (one-three weeks), intensive skill upgrading to enhance an existing skill, such as welding, or (2) longer term (six weeks to two years) classroom or on-the-job retraining in a new field (such as power plant technology).

Other agencies, whose representatives met monthly throughout the first year of the program, were also crucial to the success of this program. The North Dakota Council on Build-

ing Trades as well as the AFL-CIO suggested upgrade training needs and curricula. The State Board of Vocational Education carefully reviewed and revised curricula suggestions to see that all classes offered complied with state regulations. In turn, the Vocational Education Board assisted vocational education colleges around the state in designing skill upgrade classes which the schools then implemented. Contracts for training expenses were initiated by Job Service, each class requiring a separate contract. The business community contributed to training efforts by providing opportunities for on-the-job training (one-third of those retrained went through on-the-job training).

Seventy (70) percent of the participants went though skill upgrade training as of December, 1989 (300 out of 425). Over 216 of these were welders. Other upgrade classes included asbestos abatement, programmable equipment (a programmable controller is a device which controls all electrical systems operating in establishments such as grain elevators or bottling plants), blueprint reading, computer basics, vinyl application, and millwrighting. Skill upgrade classes were often made available periodically and were held during the winter months when unemployment is highest.

Retraining classes and on-the-job training accounted for the rest of the classes offered. The retraining component of this discretionary program is identical to JTPA Title IIA training except that dislocated workers need not meet the economically disadvantaged criteria to qualify (77 percent of participants were UI recipients or exhaustees. For many, the only income for several months was that of the spouse). Thirteen (13) weeks after termination, data collected on participants indicate that eighty percent (80%) of the individuals who completed training entered employment (79 percent of the long-term, 82 percent of the short-term). Average wage at placement was $12.88; wages averaged $14.53 for short-term trainees (due, in part, to the large number of highly skilled welders) and $8.25 for long-term trainees.

Agencies participating in this endeavor learned that early, in- depth, and frequent communication between all agents, Job Service state and local offices, the AFL-CIO, the Vocational Education Board, and community colleges, was crucial.

One outgrowth of this program is that community colleges are now regularly offering a number of short-term, intensive vocational upgrading programs. Such a model is well suited to the older student or dislocated worker often supporting a family who may not be able to afford a semester of several classes but can benefit from a week-long to a month-long intensive format for one class.

Those involved have built a responsive and flexible educational structure to meet the training and retraining needs of dislocated construction workers. The Dislocated Construction Worker's Program serves as one model for how to respond effectively to further economic challenges in North Dakota's future.

If you would be interested in receiving a copy of the complete report Dislocated Building and Construction Trade Workers: North Dakota's Response, please contact the Research and Statistics Section at the address and telephone number on the title page of this publication.

Lorraine Dopson
Research Analyst

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH December 1989	PREVIOUS MONTH November 1989	% CHANGE FROM November 1989	ONE YEAR AGO December 1988	% CHANGE FROM December 1988
TOTAL	264,250	265,100	-0.3%	259,050	2.0%
MINING	3,850	3,950	-2.5%	3,950	-2.5%
Coal	1,100	1,100	0.0%	1,100	0.0%
Crude Petroleum & Nat.Gas	2,500	2,500	0.0%	2,600	-3.8%
Other Mining	250	350	-28.6%	250	0.0%
CONSTRUCTION	8,850	10,400	-14.9%	8,700	1.7%
Building Construction	2,700	2,900	-6.9%	2,600	3.8%
Street,Highway & Heavy	1,350	2,300	-41.3%	1,400	-3.6%
Special Trade Construction	4,800	5,200	-7.7%	4,700	2.1%
MANUFACTURING	16,850	16,800	0.3%	16,500	2.1%
DURABLE GOODS	8,200	8,200	0.0%	7,400	10.8%
Stone, Clay & Glass	500	650	-23.1%	550	-9.1%
Primary & Fab. Metals	950	950	0.0%	850	11.8%
Machinery & Trans. Equip	5,200	5,100	2.0%	4,600	13.0%
Other Durable Goods	1,550	1,500	3.3%	1,400	10.7%
NONDURABLE GOODS	8,650	8,600	0.6%	9,100	-4.9%
Food & Kindred Products	4,450	4,400	1.1%	4,700	-5.3%
Dairy Products	700	700	0.0%	700	0.0%
Fruit, Vegetables & Sugar	1,400	1,400	0.0%	1,550	-9.7%
Bakery Products	500	500	0.0%	500	0.0%
Other Food & Kindred	1,850	1,800	2.8%	1,950	-5.1%
Printing & Publishing	2,400	2,400	0.0%	2,500	-4.0%
Other Nondurable Goods	1,800	1,800	0.0%	1,900	-5.3%
TRAN, COMM & UTILITIES	17,600	17,400	1.1%	17,300	1.7%
TRANSPORTATION	9,400	9,200	2.2%	9,200	2.2%
Trucking & Warehousing	5,500	5,300	3.8%	5,400	1.9%
Other Transportation	3,900	3,900	0.0%	3,800	2.6%
COMMUNICATION	3,500	3,500	0.0%	3,500	0.0%
UTILITIES	4,700	4,700	0.0%	4,600	2.2%

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	December 1989	November 1989	November 1989	December 1988	December 1988
TRADE	70,700	70,100	0.9%	69,500	1.7%
WHOLESALE TRADE	19,300	19,300	0.0%	19,100	1.0%
Durable Goods	8,900	8,900	0.0%	8,800	1.1%
Nondurable Goods	10,400	10,400	0.0%	10,300	1.0%
RETAIL TRADE	51,400	50,800	1.2%	50,400	2.0%
General Merchandise	7,100	7,000	1.4%	7,200	-1.4%
Food Stores	7,400	7,300	1.4%	7,100	4.2%
Auto Dlrs.& Serv.Stations	6,600	6,600	0.0%	6,600	0.0%
Apparel & Accessories	2,800	2,700	3.7%	2,800	0.0%
Other Retail	27,500	27,200	1.1%	26,700	3.0%
FINANCE,INS & REAL ESTATE	12,300	12,250	0.4%	12,300	0.0%
FINANCE	6,500	6,500	0.0%	6,600	-1.5%
Banking	4,100	4,100	0.0%	4,100	0.0%
Other Finance	2,400	2,400	0.0%	2,500	-4.0%
INSURANCE	3,900	3,900	0.0%	3,900	0.0%
REAL ESTATE	1,900	1,850	2.7%	1,800	5.6%
SERVICES	66,700	66,700	0.0%	64,200	3.9%
Lodging	4,400	4,400	0.0%	4,300	2.3%
Health Services	27,900	27,900	0.0%	27,000	3.3%
Nursing Care & Hosp.	20,300	20,300	0.0%	19,700	3.0%
Other Medical Services	7,600	7,600	0.0%	7,300	4.1%
Other Services	34,400	34,400	0.0%	32,900	4.6%
GOVERNMENT	67,400	67,500	-0.1%	66,600	1.2%
FEDERAL	10,700	10,700	0.0%	10,600	0.9%
STATE & LOCAL	56,700	56,800	-0.2%	56,000	1.3%
STATE GOVERNMENT	20,600	20,800	-1.0%	20,200	2.0%
Educational Services	13,700	13,700	0.0%	13,500	1.5%
Other State Government	6,900	7,100	-2.8%	6,700	3.0%
LOCAL GOVERNMENT	36,100	36,000	0.3%	35,800	0.8%
Educational Services	18,500	18,400	0.5%	18,100	2.2%
Other Local Government	17,600	17,600	0.0%	17,700	-0.6%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	December 1989	November 1989	November 1989	December 1988	December 1988
FARGO-MOORHEAD MSA					
TOTAL	77,150	77,800	-0.8%	74,650	3.3%
MINING & CONST.	3,100	3,600	-13.9%	3,000	3.3%
MANUFACTURING	5,250	5,400	-2.8%	4,950	6.1%
Durable Goods	2,300	2,400	-4.2%	2,000	15.0%
Nondurable Goods	2,950	3,000	-1.7%	2,950	0.0%
TRANS., COMM. & UTIL.	4,900	4,900	0.0%	4,800	2.1%
TRADE	22,600	22,500	0.4%	22,100	2.3%
Wholesale Trade	6,900	6,900	0.0%	6,700	3.0%
Retail Trade	15,700	15,600	0.6%	15,400	1.9%
FINANCE, INS. & R E	4,500	4,500	0.0%	4,400	2.3%
SERVICES	21,700	21,700	0.0%	20,800	4.3%
GOVERNMENT	15,100	15,200	-0.7%	14,600	3.4%
Federal	2,200	2,200	0.0%	2,100	4.8%
State & Local	12,900	13,000	-0.8%	12,500	3.2%
GRAND FORKS MSA					
TOTAL	32,500	32,350	0.5%	31,400	3.5%
MINING & CONST.	1,150	1,350	-14.8%	1,150	0.0%
MANUFACTURING	1,650	1,600	3.1%	1,700	-2.9%
TRANS., COMM. & UTIL.	1,800	1,800	0.0%	1,650	9.1%
TRADE	9,500	9,400	1.1%	9,100	4.4%
Wholesale Trade	1,600	1,600	0.0%	1,500	6.7%
Retail Trade	7,900	7,800	1.3%	7,600	3.9%
FINANCE, INS. & R E	1,100	1,100	0.0%	1,100	0.0%
SERVICES	7,000	6,900	1.4%	6,800	2.9%
GOVERNMENT	10,300	10,200	1.0%	9,900	4.0%
BISMARCK MSA					
TOTAL	39,850	39,850	0.0%	37,950	5.0%
MINING	200	200	0.0%	200	0.0%
CONSTRUCTION	1,300	1,500	-13.3%	1,250	4.0%
MANUFACTURING	2,200	2,200	0.0%	2,100	4.8%
TRANS., COMM. & UTIL.	2,800	2,700	3.7%	2,700	3.7%
TRADE	10,800	10,600	1.9%	10,100	6.9%
Wholesale Trade	2,200	2,200	0.0%	2,100	4.8%
Retail Trade	8,600	8,400	2.4%	8,000	7.5%
FINANCE, INS. & R E	1,550	1,550	0.0%	1,600	-3.1%
SERVICES	12,000	12,000	0.0%	11,300	6.2%
GOVERNMENT	9,000	9,100	-1.1%	8,700	3.4%

LABOR FORCE

NORTH DAKOTA AND MSA'S

	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	December 1989	November 1989	November 1989	December 1988	December 1988
UNITED STATES					
(In Thousands)					
Labor Force	126,246	126,219	0.0%	124,259	1.6%
Employment	119,588	119,490	0.1%	117,705	1.6%
Unemployment	6,658	6,729	-1.1%	6,554	1.6%
Unemployment Rate	5.3%	5.3%	xxx	5.3%	xxx
NORTH DAKOTA					
Labor Force	321,626	324,477	-0.9%	323,220	-0.5%
Employment	308,402	311,143	-0.9%	307,940	0.2%
Unemployment	13,224	13,334	-0.8%	15,280	-13.5%
Unemployment Rate	4.1%	4.1%	xxx	4.7%	xxx
FARGO-MOORHEAD MSA					
Labor Force	86,833	87,697	-1.0%	85,940	1.0%
Employment	84,517	85,694	-1.4%	83,550	1.2%
Unemployment	2,316	2,003	15.6%	2,390	-3.1%
Unemployment Rate	2.7%	2.3%	xxx	2.8%	xxx
GRAND FORKS MSA					
Labor Force	35,749	36,156	-1.1%	35,420	0.9%
Employment	34,624	34,881	-0.7%	34,220	1.2%
Unemployment	1,125	1,275	-11.8%	1,200	-6.3%
Unemployment Rate	3.1%	3.5%	xxx	3.4%	xxx
BISMARCK MSA					
Labor Force	46,244	46,586	-0.7%	44,990	2.8%
Employment	44,152	44,600	-1.0%	42,750	3.3%
Unemployment	2,092	1,986	5.3%	2,240	-6.6%
Unemployment Rate	4.5%	4.3%	xxx	5.0%	xxx

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.
The Bismarck MSA includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
November 1989

	NORTH DAKOTA	MINNESOTA	SOUTH DAKOTA	MONTANA
Labor Force	324.4	2,382.5	361.8	395.8
Employment	311.1	2,299.4	347.6	372.2
Unemployment	13.3	83.1	14.2	23.6
Unemployment Rate	4.1%	3.5%	3.9%	6.0%

UNITED STATES

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1989	November 1989	December 1988	December 1989	November 1989	December 1988	December 1989	November 1989	December 1988
MANUFACTURING	440.67	433.78	432.43	41.3	41.0	41.7	10.67	10.58	10.37
Durable Goods	470.82	460.65	463.25	42.0	41.5	42.5	11.21	11.10	10.90
Nondurable Goods	400.77	398.34	389.21	40.4	40.4	40.5	9.92	9.86	9.61

NORTH DAKOTA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1989	November 1989	December 1988	December 1989	November 1989	December 1988	December 1989	November 1989	December 1988
MANUFACTURING	363.26	354.40	329.16	41.0	40.0	39.0	8.86	8.86	8.44
Durable Goods	391.92	375.97	355.72	42.6	41.0	40.7	9.20	9.17	8.74
Nondurable Goods	333.66	332.67	306.82	39.3	39.0	37.6	8.49	8.53	8.16
Food & Kindred	351.42	355.75	325.22	42.7	42.2	40.3	8.23	8.43	8.07
Printing and Publishing	290.79	286.75	273.20	31.1	31.0	30.8	9.35	9.25	8.87

FARGO-MOORHEAD MSA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1989	November 1989	December 1988	December 1989	November 1989	December 1988	December 1989	November 1989	December 1988
MANUFACTURING	393.74	365.16	328.50	43.7	40.8	39.2	9.01	8.95	8.38
Durable Goods	422.62	368.80	316.13	45.2	40.0	38.6	9.35	9.22	8.19
Nondurable Goods	370.18	361.88	339.10	42.5	41.5	39.8	8.71	8.72	8.52

U. S. CONSUMER PRICE INDEX

ALL URBAN CONSUMERS

(1982-84=100)

ITEM	ANNUAL AVERAGE 1988	December 1989	November 1989	Percent Change From November 1989	December 1988	Percent Change From December 1988
All Items	118.3	126.1	125.9	0.2%	[illegible]	4.6%
Food & Beverage	118.2	127.2	126.7	0.4%	120.6	5.5%
Housing	118.5	124.9	124.5	0.3%	120.2	3.9%
Apparel & Upkeep	115.4	119.2	122.1	-2.4%	118.0	1.0%
Transportation	108.7	115.2	115.0	0.2%	110.8	4.0%
Medical Care	138.6	154.4	153.9	0.3%	142.3	8.5%
Entertainment	120.3	129.1	128.6	0.4%	122.8	5.1%

PRODUCER PRICE INDEX

UNITED STATES AVERAGE

ITEM	ANNUAL AVERAGE 1988	December 1989	November 1989	Percent Change From November 1989	December 1988	Percent Change From December 1988
All Commodities	106.9	113.0	112.7	0.3%	109.0	3.7%
Farm Products & Processed Foods and Feeds	110.0	116.5	115.4	1.0%	112.9	3.2%
Industrial Commodities	106.3	112.3	112.2	0.1%	108.1	3.9%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	DEC'89	NOV'89	DEC'88	DEC'89	NOV'89	DEC'88	DEC'89	NOV'89	DEC'88	DEC'89	NOV'89	DEC'88
Divide	1,281	1,252	1,285	1,256	1,216	1,233	25	36	52	2.0%	2.9%	4.0%
McKenzie	2,733	2,728	2,746	2,637	2,644	2,643	96	84	103	3.5%	3.1%	3.8%
Williams	10,835	10,909	11,682	10,452	10,489	11,144	383	420	538	3.5%	3.9%	4.6%
REGION 1	14,849	14,889	15,713	14,345	14,349	15,020	504	540	693	3.4%	3.6%	4.4%
Bottineau	3,278	3,289	3,400	3,101	3,139	3,194	177	150	206	5.4%	4.6%	6.1%
Burke	1,223	1,243	1,216	1,169	1,176	1,137	54	67	79	4.4%	5.4%	6.5%
McHenry	2,447	2,418	2,438	2,163	2,169	2,096	284	249	342	11.6%	10.3%	14.0%
Mountrail	3,212	3,225	3,072	3,025	3,029	2,869	187	196	203	5.8%	6.1%	6.6%
Pierce	2,427	2,419	2,316	2,339	2,359	2,226	88	60	90	3.6%	2.5%	3.9%
Renville	1,196	1,188	1,175	1,145	1,150	1,112	51	38	63	4.3%	3.2%	5.4%
Ward	25,655	26,054	26,524	24,493	24,803	25,157	1,162	1,251	1,367	4.5%	4.8%	5.2%
REGION 2	39,438	39,836	40,141	37,435	37,825	37,791	2,003	2,011	2,350	5.1%	5.0%	5.9%
Benson	2,681	2,779	3,773	2,432	2,480	3,566	249	299	207	9.3%	10.8%	5.5%
Cavalier	2,520	2,490	2,606	2,371	2,384	2,429	149	106	177	5.9%	4.3%	6.8%
Eddy	1,367	1,385	1,326	1,252	1,299	1,217	115	86	109	8.4%	6.2%	8.2%
Ramsey	6,787	6,769	6,455	6,525	6,546	6,151	262	223	304	3.9%	3.3%	4.7%
Rolette	4,425	4,678	4,007	3,929	4,071	3,337	496	607	670	11.2%	13.0%	16.7%
Towner	1,697	1,659	1,667	1,621	1,585	1,619	76	74	48	4.5%	4.5%	2.9%
REGION 3	19,477	19,760	19,834	18,130	18,365	18,319	1,347	1,395	1,515	6.9%	7.1%	7.6%
Grand Forks	35,749	36,156	35,416	34,624	34,881	34,220	1,125	1,275	1,196	3.1%	3.5%	3.4%
Nelson	1,826	1,839	1,840	1,724	1,717	1,738	102	122	102	5.6%	6.6%	5.5%
Pembina	5,314	5,406	5,394	4,916	4,920	4,951	398	486	443	7.5%	9.0%	8.2%
Walsh	7,429	7,451	7,833	7,104	7,076	7,463	325	375	370	4.4%	5.0%	4.7%
REGION 4	50,318	50,852	50,483	48,368	48,594	48,372	1,950	2,258	2,111	3.9%	4.4%	4.2%
Cass	60,870	61,720	60,349	59,424	60,367	58,843	1,446	1,353	1,506	2.4%	2.2%	2.5%
Ransom	2,606	2,539	2,622	2,519	2,461	2,543	87	78	79	3.3%	3.1%	3.0%
Richland	8,644	8,587	8,855	8,321	8,349	8,406	323	238	449	3.7%	2.8%	5.1%
Sargent	2,545	2,574	2,577	2,506	2,528	2,518	39	46	59	1.5%	1.8%	2.3%
Steele	1,008	994	1,058	961	954	989	47	40	69	4.7%	4.0%	6.5%
Traill	4,458	4,468	4,481	4,291	4,344	4,316	167	124	165	3.7%	2.8%	3.7%
REGION 5	80,131	80,882	79,942	78,022	79,003	77,615	2,109	1,879	2,327	2.6%	2.3%	2.9%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	DEC'89	NOV'89	DEC'88	DEC'89	NOV'89	DEC'88	DEC'89	NOV'89	DEC'88	DEC'89	NOV'89	DEC'88
Barnes	5,806	5,838	5,529	5,496	5,626	5,187	310	212	342	5.3%	3.6%	6.2%
Dickey	3,011	3,032	2,963	2,935	2,977	2,849	76	55	114	2.5%	1.8%	3.8%
Foster	2,192	2,251	2,091	2,094	2,135	1,997	98	116	94	4.5%	5.2%	4.5%
Griggs	1,445	1,470	1,493	1,394	1,427	1,436	51	43	57	3.5%	2.9%	3.8%
La Moure	2,185	2,149	2,183	2,102	2,089	2,065	83	60	118	3.8%	2.8%	5.4%
Logan	1,370	1,370	1,389	1,339	1,324	1,329	31	46	60	2.3%	3.4%	4.3%
McIntosh	2,140	2,130	2,178	2,089	2,087	2,143	51	43	35	2.4%	2.0%	1.6%
Stutsman	11,873	12,027	12,314	11,445	11,496	11,772	428	531	542	3.6%	4.4%	4.4%
Wells	2,713	2,710	2,686	2,533	2,536	2,491	180	174	195	6.6%	6.4%	7.3%
REGION 6	32,735	32,977	32,826	31,427	31,697	31,269	1,308	1,280	1,557	4.0%	3.9%	4.7%
Burleigh	33,658	33,942	32,693	32,268	32,595	31,239	1,390	1,347	1,454	4.1%	4.0%	4.4%
Emmons	2,030	2,063	1,993	1,916	1,963	1,880	114	100	113	5.6%	4.8%	5.7%
Grant	1,659	1,644	1,649	1,602	1,576	1,560	57	68	89	3.4%	4.1%	5.4%
Kidder	1,449	1,456	1,449	1,317	1,325	1,307	132	131	142	9.1%	9.0%	9.8%
McLean	4,278	4,405	4,221	4,032	4,161	3,926	246	244	295	5.8%	5.5%	7.0%
Mercer	5,560	5,558	5,869	5,197	5,205	5,467	363	353	402	6.5%	6.4%	6.8%
Morton	12,586	12,643	12,295	11,884	12,005	11,506	702	638	789	5.6%	5.0%	6.4%
Oliver	978	1,001	1,101	927	928	1,025	51	73	76	5.2%	7.3%	6.9%
Sheridan	1,092	1,092	1,035	1,025	1,021	936	67	71	99	6.1%	6.5%	9.6%
Sioux	1,226	1,279	1,162	1,163	1,195	1,079	63	84	83	5.1%	6.6%	7.1%
REGION 7	64,516	65,083	63,467	61,331	61,974	59,925	3,185	3,109	3,542	4.9%	4.8%	5.6%
Adams	1,636	1,629	1,667	1,594	1,585	1,617	42	44	50	2.6%	2.7%	3.0%
Billings	617	636	658	584	607	609	33	29	49	5.3%	4.6%	7.4%
Bowman	2,075	2,041	2,074	2,030	1,998	1,999	45	43	75	2.2%	2.1%	3.6%
Dunn	1,619	1,615	1,523	1,514	1,491	1,377	105	124	146	6.5%	7.7%	9.6%
Gldn Valley	1,019	979	1,045	991	966	1,008	28	13	37	2.7%	1.3%	3.5%
Hettinger	1,637	1,616	1,671	1,581	1,559	1,592	56	57	79	3.4%	3.5%	4.7%
Slope	392	391	438	369	364	389	23	27	49	5.9%	6.9%	11.2%
Stark	11,168	11,286	11,744	10,682	10,762	11,039	486	524	705	4.4%	4.6%	6.0%
REGION 8	20,163	20,193	20,820	19,345	19,332	19,630	818	861	1,190	4.1%	4.3%	5.7%
STATE TOTALS	321,626	324,477	323,226	308,402	311,143	307,942	13,224	13,334	15,284	4.1%	4.1%	4.7%

DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

FARGO
1350 32nd Street South
Phone: 237-7113

JAMESTOWN
429 2nd Street Southwest
Phone: 251-2256

BEULAH
119 East Main
Phone: 873-5607

DEVILS LAKE
301 South College Drive
Phone: 662- 2181

GRAND FORKS
2016 South Washington
Phone: 777-3711

MANDAN
501 1st Street Northwest
Phone: 663-6461

ROLLA
103 East Main
Phone: 477-5631

UND - GRAND FORKS
McCannel Hall - Room 141
Phone: 777-3904

DICKINSON
66 Osborn Drive
Phone: 227-2361

GRAFTON
728 Hill Avenue South
Phone: 352-2202

MINOT
3416 North Broadway
Phone: 852-2164

NDSU - FARGO
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

VALLEY CITY
2425 West Main
Phone: 845-7261

WAHPETON
524 2nd Avenue North
Phone: 671-2711

WILLISTON
422 1st Avenue West
Phone: 572-7771

NEW TOWN
Tribal Administration Building
Phone: 627-4390

56,1412-4
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January, 1990

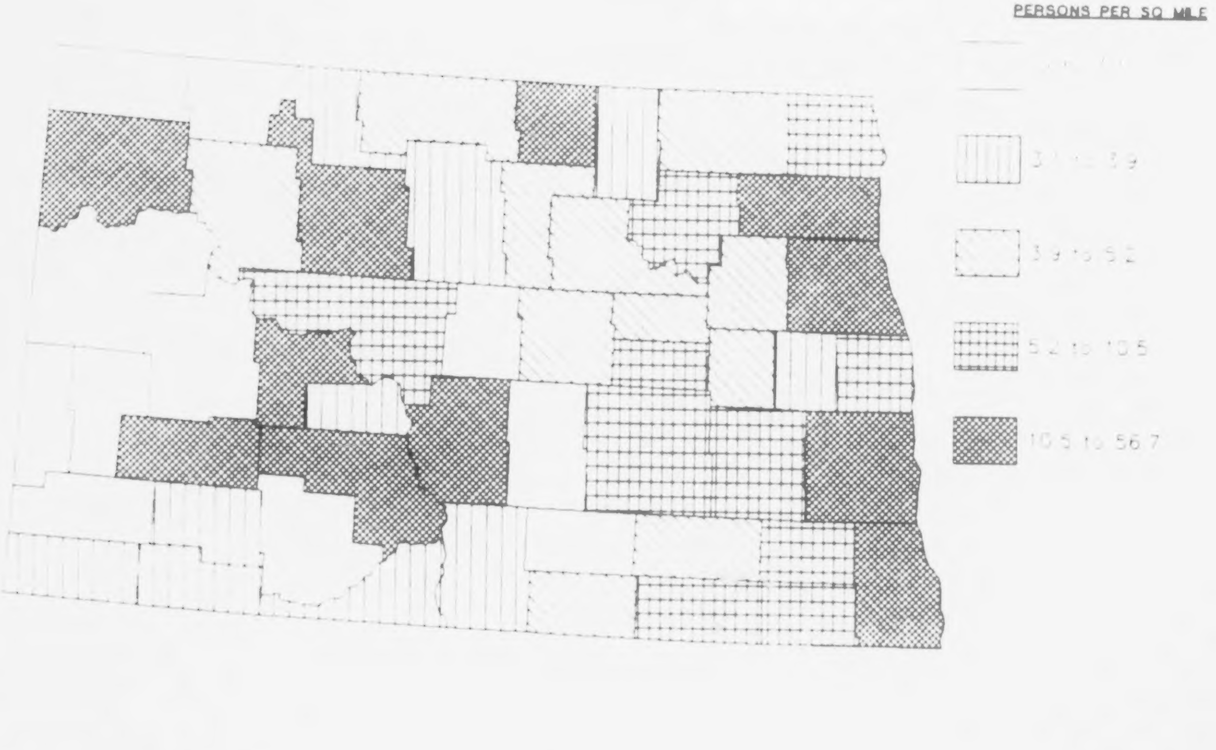
Volume 6, Number 1

JOB SERVICE North Dakota

The North Dakota Labor Market Advisor

NORTH DAKOTA POPULATION DENSITY

1988


PERSONS PER SQ MILE
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10.5 to 56.7

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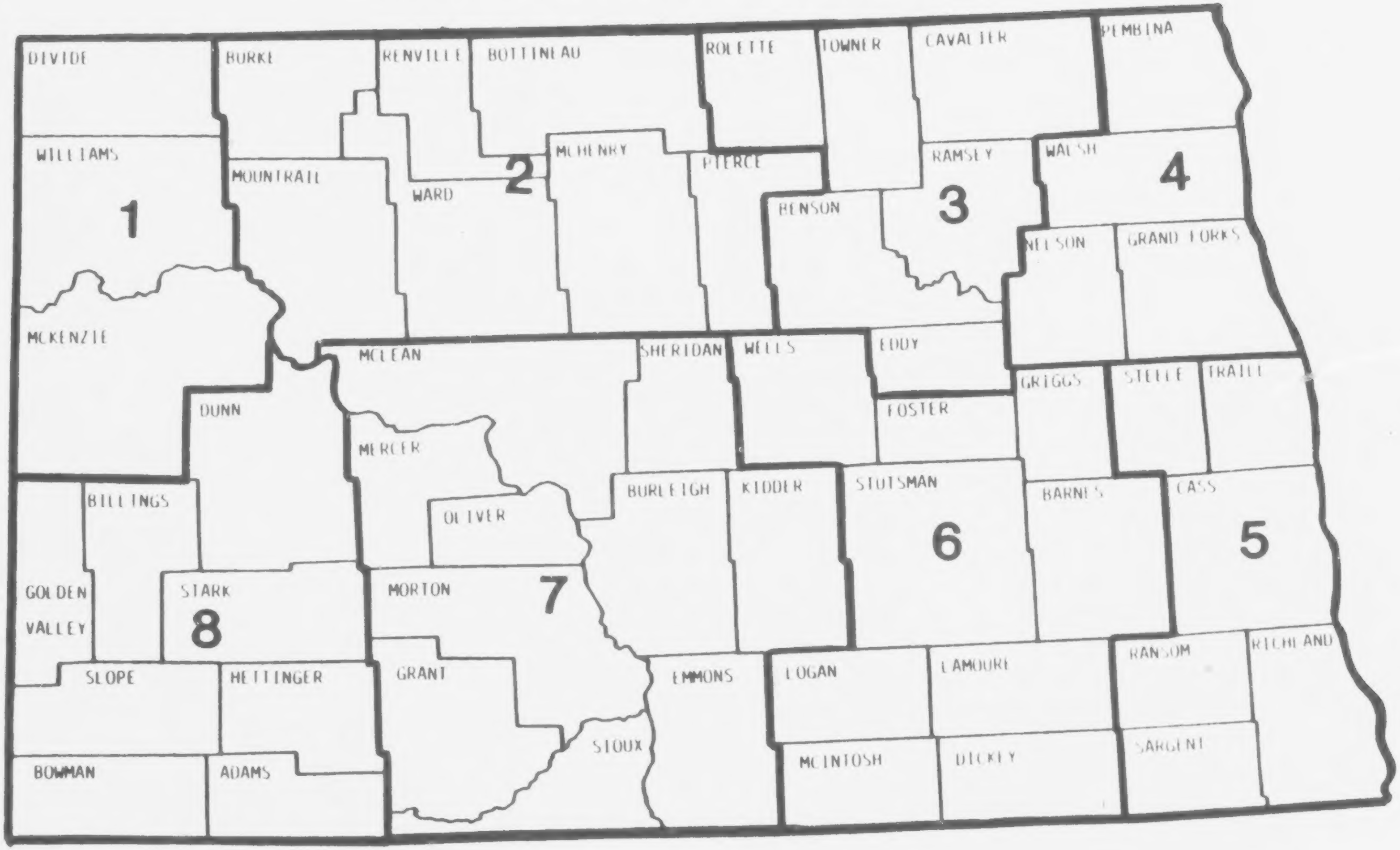
NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
1
MOUNTRAIL
WARD
2
MCHENRY
PIERCE
RAMSEY
3
WALSH
4
BENSON
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
GRIGGS
STEELE
TRAILL
DUNN
FOSTER
MERCER
BILLINGS
OLIVER
BURLEIGH
KIDDER
STUTSMAN
BARNES
CASS
6
5
GOLDEN VALLEY
STARK
8
MORTON
7
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
SIOUX
BOWMAN
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SARGENT

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THE
NORTH DAKOTA
LABOR MARKET ADVISOR

January, 1990

GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

Micheal V. Deisz
Executive Director

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Chief (701) 224-2868

CENSUS 1990

Census Day -- April 1, 1990 -- marks the twenty-first time in the nation's history that Americans have counted themselves. The Census Bureau has embarked on the most aggressive and ambitious campaign in its history to motivate approximately 250 million Americans living in about 106 million housing units to participate in the 1990 Census. The Bureau will employ about 480,000 people to conduct the census and add up the final results. During peak operations, the Bureau will spend at a rate of over $1 million per hour. There is also a sound financial reason to encourage Americans to respond promptly: the Census Bureau estimates for every 1 percent response, $10 million will be saved in follow-up costs.

Why undertake a project of this magnitude? When the delegates to the Constitutional Convention met in 1787, they decided that population distribution should be the basis for fair taxation and representation, so they approved a Constitutional requirement that a census be taken every 10 years. The primary purpose has not changed since that first census in 1790: to fairly apportion seats in the House of Representatives among the states based on their populations. In addition, state and local governments use the census figures to redraw election district boundaries. People who do not return their census forms may contribute to under-representation and a loss of political power.

Also, census population and housing data is used as a basis for the allocation of federal funds. Billions of federal dollars are distributed to states, local governments, and American Indian reservations on the basis of population. State funds, in turn, are allocated to cities and counties on the basis of population. Not surprisingly, this has prompted community leaders in many cities to begin their own correct count programs. The Phoenix Plan was developed by business, education, and government leaders in Phoenix, Arizona, in advance of the 1990 census to get a complete count of their population. They estimated Phoenix may have lost up to 35 million dollars in federal and state revenues in the last decade because of the census undercount in 1980. They expect to increase their political representation and receive additional revenue to provide more services to their community. A few of the federal legislative uses of decennial census data which spark community interest are:

- Funds allocation and cost-benefit analysis of transportation projects.
- Funds allocation for highway development to promote economic growth in places of less than 100,000.
- Funds allocation for medical practice facilities.
- Funds allocation to states for employment services based on the number in the civilian labor force and the number unemployed.
- Funds allocation for job training and employment services for the disadvantaged and dislocated workers
- Funds allocation for local public works projects.
- Funds allocation to state and local governments for economic development planning to alleviate unemployment or underemployment.
- Emergency financial assistance to urban and rural areas suffering high levels of unemployment.

The list goes on, and it becomes increasingly clear why the decennial census has captured the attention of community leaders across the nation.

Of even greater consequence, particularly to the Research and Statistics Section of Job Service, is the wealth of data which will become available after completion of the census. Census data describe the composition of the workforce and supply of labor, unemployment, state of the economy, income, migration patterns, and housing availability. It supplies information on the size of the population and its composition (age, sex, race, education) by geographic location. It will be the backbone of factual information for the next 10 years and will serve as the base for estimates of unemployment. The data from the census is necessary for effective urban and regional planning--schools, highways, and social programs. It will also be used by businesses to determine effective advertising, marketing, and site locations and to effectively manage personnel issues such as affirmative action. The 1990 census will provide the statistical data we need to prepare us for the journey into the twenty-first century.

Cherryl Madison

Research Analyst

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	January 1990	December 1989	December 1989	January 1989	January 1989
TOTAL	258,350	264,700	-2.4%	251,750	2.6%
GOODS PRODUCING	28,250	29,450	-4.1%	26,900	5.0%
MINING	3,900	4,000	-2.5%	3,700	5.4%
Coal	1,100	1,100	0.0%	1,100	0.0%
Crude Petroleum & Nat. Gas	2,600	2,700	-3.7%	2,400	8.3%
Other Mining	200	200	0.0%	200	0.0%
CONSTRUCTION	7,450	8,550	-12.9%	7,100	4.9%
Building Construction	2,200	2,500	-12.0%	2,100	4.8%
Street, Highway & Heavy	1,050	1,350	-22.2%	1,100	-4.5%
Special Trade Construction	4,200	4,700	-10.6%	3,900	7.7%
MANUFACTURING	16,900	16,900	0.0%	16,100	5.0%
Durable Goods	8,400	8,250	1.8%	7,450	12.8%
Primary & Fab. Metals	1,100	1,100	0.0%	1,000	10.0%
Machinery & Trans. Equip	5,350	5,100	4.9%	4,650	15.1%
Machinery & Electric	3,800	3,800	0.0%	3,300	15.2%
Transportation Equipment	1,550	1,300	19.2%	1,350	14.8%
Other Durables	1,950	2,050	-4.9%	1,800	8.3%
Lumber & Wood	1,050	1,100	-4.5%	900	16.7%
Misc Durable	900	950	-5.3%	900	0.0%
Nondurable Goods	8,500	8,650	-1.7%	8,650	-1.7%
Food & Kindred Products	4,550	4,500	1.1%	4,500	1.1%
Dairy Products	650	650	0.0%	700	-7.1%
Bakery Products	900	850	5.9%	800	12.5%
Sugar & Confectionary	1,000	1,000	0.0%	950	5.3%
Other Foods	2,000	2,000	0.0%	2,050	-2.4%
Printing & Publishing	2,600	2,500	4.0%	2,500	4.0%
Other Nondurable Goods	1,350	1,650	-18.2%	1,650	-18.2%
SERVICES PRODUCING	230,100	235,250	-2.2%	224,850	2.3%
TRAN, COMM & UTILITIES	16,950	17,250	-1.7%	16,600	2.1%
Transportation	8,750	9,050	-3.3%	8,500	2.9%
Trucking & Warehousing	4,900	5,200	-5.8%	4,800	2.1%
Other Transportation	3,850	3,850	0.0%	3,700	4.1%
Railroads	1,850	1,850	0.0%	1,800	2.8%
Local & Suburban Transport	900	950	-5.3%	900	0.0%
Water, Air & Pipeline	1,100	1,050	4.8%	1,000	10.0%
Communications	3,500	3,500	0.0%	3,500	0.0%
Utilities	4,700	4,700	0.0%	4,600	2.2%
WHOLESALE TRADE	19,000	19,700	-3.6%	18,900	0.5%
Durable Goods	8,800	9,100	-3.3%	8,700	1.1%
Nondurable Goods	10,200	10,600	-3.8%	10,200	0.0%

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	January 1990	December 1989	December 1989	January 1989	January 1989
RETAIL TRADE	49,550	51,700	-4.2%	47,800	3.7%
Hardware & Garden	2,200	2,600	-15.4%	2,300	-4.3%
General Merchandise	6,900	7,200	-4.2%	6,700	3.0%
Food Stores	7,000	7,400	-5.4%	6,900	1.4%
Auto & Service Stations	6,800	6,700	1.5%	6,400	6.3%
Apparel & Accessory	2,700	2,900	-6.9%	2,600	3.8%
Furniture Stores	1,650	1,700	-2.9%	1,600	3.1%
Eating & Drinking Places	17,000	17,800	-4.5%	16,400	3.7%
Misc Retail	5,300	5,400	-1.9%	4,900	8.2%
FINANCE,INS & REAL ESTATE	12,250	12,450	-1.6%	12,150	0.8%
Finance	6,600	6,700	-1.5%	6,600	0.0%
Banking	5,600	5,700	-1.8%	5,600	0.0%
Other Finance	1,000	1,000	0.0%	1,000	0.0%
Insurance	3,850	3,900	-1.3%	3,850	0.0%
Insurance Underwriters	2,500	2,500	0.0%	2,500	0.0%
Ins. Agents & Brokers	1,350	1,400	-3.6%	1,350	0.0%
Real Estate	1,800	1,850	-2.7%	1,700	5.9%
SERVICES	66,450	66,950	-0.7%	63,800	4.2%
Lodging	4,200	4,400	-4.5%	4,000	5.0%
Personal & Business	8,100	8,200	-1.2%	7,600	6.6%
Personal Services	3,200	3,200	0.0%	3,200	0.0%
Business Services	4,900	5,000	-2.0%	4,400	11.4%
Recreational Services	2,000	2,100	-4.8%	2,200	-9.1%
Health Services	27,700	27,800	-0.4%	27,000	2.6%
Nursing & Hospital	20,200	20,100	0.5%	19,900	1.5%
Other Health	7,500	7,700	-2.6%	7,100	5.6%
Membership Organizations	8,100	8,300	-2.4%	8,000	1.3%
Educational Services	2,900	3,100	-6.5%	2,900	0.0%
Social Services	6,300	5,800	8.6%	5,400	16.7%
Other Services	7,150	7,250	-1.4%	6,700	6.7%
Auto & Misc Repair	2,200	2,200	0.0%	2,100	4.8%
Legal Services	1,450	1,450	0.0%	1,400	3.6%
Misc Services	3,500	3,600	-2.8%	3,200	9.4%
GOVERNMENT	65,900	67,200	-1.9%	65,600	0.5%
Federal	10,200	10,300	-1.0%	10,400	-1.9%
State & Local	55,700	56,900	-2.1%	55,200	0.9%
State Government	19,900	20,600	-3.4%	19,700	1.0%
Educational Services	13,000	13,700	-5.1%	12,800	1.6%
Other State Government	6,900	6,900	0.0%	6,900	0.0%
Local Government	35,800	36,300	-1.4%	35,500	0.8%
Educational Services	18,400	18,600	-1.1%	17,900	2.8%
Other Local Government	17,400	17,700	-1.7%	17,600	-1.1%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	January 1990	December 1989	December 1989	January 1989	January 1989
FARGO-MOORHEAD MSA					
TOTAL	75,650	77,150	-1.9%	72,900	3.8%
GOODS PRODUCING	8,450	8,700	-2.9%	7,750	9.0%
MINING & CONSTRUCTION	3,100	3,350	-7.5%	2,750	12.7%
Special Trades	1,800	1,900	-5.3%	1,600	12.5%
Other Construction & Mining	1,300	1,450	-10.3%	1,150	13.0%
MANUFACTURING	5,350	5,350	0.0%	5,000	7.0%
Durable Goods	2,500	2,500	0.0%	2,250	11.1%
Fabricated Metal & Machinery	1,400	1,400	0.0%	1,200	16.7%
Other Durable Goods	1,100	1,100	0.0%	1,050	4.8%
Nondurable Goods	2,850	2,850	0.0%	2,750	3.6%
Food & Kindred	1,800	1,850	-2.7%	1,750	2.9%
Other Nondurables	1,050	1,000	5.0%	1,000	5.0%
SERVICES PRODUCING	67,200	68,450	-1.8%	65,150	3.1%
TRANS, COMM & UTILITIES	4,650	4,850	-4.1%	4,600	1.1%
Trucking & Warehousing	2,000	2,200	-9.1%	1,900	5.3%
Other Transportation	1,000	1,000	0.0%	950	5.3%
Communications & Utilities	1,650	1,650	0.0%	1,750	-5.7%
WHOLESALE TRADE	6,400	6,800	-5.9%	6,400	0.0%
Durable	3,700	3,800	-2.6%	3,600	2.8%
Nondurable	2,700	3,000	-10.0%	2,800	-3.6%
RETAIL TRADE	14,850	15,500	-4.2%	14,600	1.7%
General Merchandise & Apparel	3,100	3,200	-3.1%	3,000	3.3%
Food Stores	1,800	2,000	-10.0%	2,100	-14.3%
Auto Dealers & Svc. Stations	1,850	1,700	8.8%	1,600	15.6%
Eating & Drinking Places	5,500	5,800	-5.2%	5,200	5.8%
Other Retail	2,600	2,800	-7.1%	2,700	-3.7%
FINANCE, INS & REAL ESTATE	4,550	4,500	1.1%	4,400	3.4%
Finance	2,100	2,000	5.0%	1,950	7.7%
Insurance Carriers	1,450	1,450	0.0%	1,450	0.0%
Other Fin. Ins. & R.Estate	1,000	1,050	-4.8%	1,000	0.0%
SERVICES	21,600	21,750	-0.7%	20,350	6.1%
Lodging	1,300	1,350	-3.7%	1,250	4.0%
Personal & Business	3,500	3,600	-2.8%	3,300	6.1%
Recreation & Amusement	800	850	-5.9%	900	-11.1%
Health Services	7,900	7,900	0.0%	7,500	5.3%
Educational Services	2,200	2,300	-4.3%	2,100	4.8%
Social Services	1,700	1,650	3.0%	1,550	9.7%
Membership Services	1,500	1,500	0.0%	1,450	3.4%
Other Services	2,700	2,600	3.8%	2,300	17.4%
GOVERNMENT	15,150	15,050	0.7%	14,800	2.4%
Federal	2,300	2,300	0.0%	2,200	4.5%
State	6,250	6,250	0.0%	6,300	-0.8%
State School	5,700	5,700	0.0%	5,800	-1.7%
Other State	550	550	0.0%	500	10.0%
Local	6,600	6,500	1.5%	6,300	4.8%
Local School	4,000	3,900	2.6%	3,800	5.3%
Other Local	2,600	2,600	0.0%	2,500	4.0%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	January 1990	December 1989	December 1989	January 1989	January 1989
GRAND FORKS MSA					
TOTAL	31,350	32,400	-3.2%	30,050	4.3%
GOODS PRODUCING	2,550	2,750	-7.3%	2,600	-1.9%
MINING & CONSTRUCTION	1,000	1,200	-16.7%	950	5.3%
MANUFACTURING	1,550	1,550	0.0%	1,650	-6.1%
Durable Goods	500	550	-9.1%	500	0.0%
Nondurable Goods	1,050	1,000	5.0%	1,150	-8.7%
SERVICES PRODUCING	28,800	29,650	-2.9%	27,450	4.9%
TRANS, COMM. & UTILITIES	1,650	1,700	-2.9%	1,550	6.5%
Transportation	1,000	1,050	-4.8%	950	5.3%
Communications & Utilities	650	650	0.0%	600	8.3%
WHOLESALE TRADE	1,600	1,600	0.0%	1,450	10.3%
RETAIL TRADE	7,650	7,900	-3.2%	7,200	6.3%
General Merchandise & Apparel	1,950	2,100	-7.1%	1,900	2.6%
Eating & Drinking Places	2,800	2,800	0.0%	2,600	7.7%
Other Retail	2,900	3,000	-3.3%	2,700	7.4%
FINANCE, INS. & REAL ESTATE	1,150	1,150	0.0%	1,100	4.5%
SERVICES	7,050	7,000	0.7%	6,800	3.7%
Personal & Business	950	900	5.6%	900	5.6%
Health	2,900	2,800	3.6%	2,800	3.6%
Other Services	3,200	3,300	-3.0%	3,100	3.2%
GOVERNMENT	9,700	10,300	-5.8%	9,350	3.7%
Federal	1,600	1,600	0.0%	1,550	3.2%
State	5,550	6,150	-9.8%	5,350	3.7%
State School	5,100	5,700	-10.5%	4,900	4.1%
Other State	450	450	0.0%	450	0.0%
Local	2,550	2,550	0.0%	2,450	4.1%
Local School	1,350	1,350	0.0%	1,300	3.8%
Other Local	1,200	1,200	0.0%	1,150	4.3%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	January 1990	December 1989	December 1989	January 1989	January 1989
BISMARCK MSA					
TOTAL	38,450	39,600	-2.9%	37,200	3.4%
GOODS PRODUCING	3,450	3,700	-6.8%	3,350	3.0%
MINING & CONSTRUCTION	1,350	1,500	-10.0%	1,300	3.8%
MANUFACTURING	2,100	2,200	-4.5%	2,050	2.4%
Durable Goods	850	900	-5.6%	800	6.3%
Nondurable Goods	1,250	1,300	-3.8%	1,250	0.0%
SERVICES PRODUCING	35,000	35,900	-2.5%	33,850	3.4%
TRANS, COMM. & UTILITIES	2,900	2,900	0.0%	2,650	9.4%
Transportation	1,200	1,250	-4.0%	1,100	9.1%
Communications & Utilities	1,700	1,650	3.0%	1,550	9.7%
WHOLESALE TRADE	2,300	2,300	0.0%	2,200	4.5%
RETAIL TRADE	7,900	8,350	-5.4%	7,600	3.9%
General Merchandise & Apparel	1,750	1,850	-5.4%	1,700	2.9%
Food Stores	1,050	1,050	0.0%	850	23.5%
Auto Dealers & Svc. Stations	1,000	1,150	-13.0%	1,100	-9.1%
Eating & Drinking Places	2,600	2,700	-3.7%	2,500	4.0%
Other Retail	1,500	1,600	-6.3%	1,450	3.4%
FINANCE, INS. & REAL ESTATE	1,500	1,550	-3.2%	1,600	-6.3%
SERVICES	11,700	11,800	-0.8%	11,150	4.9%
Lodging	900	900	0.0%	850	5.9%
Personal & Business	1,400	1,400	0.0%	1,250	12.0%
Health Services	4,800	4,800	0.0%	4,600	4.3%
Educational Services	850	850	0.0%	800	6.3%
Social Services	1,100	1,100	0.0%	1,000	10.0%
Membership Services	1,050	1,100	-4.5%	1,200	-12.5%
Other Services	1,600	1,650	-3.0%	1,450	10.3%
GOVERNMENT	8,700	9,000	-3.3%	8,650	0.6%
Federal	1,150	1,200	-4.2%	1,150	0.0%
State	3,900	3,950	-1.3%	4,000	-2.5%
State Schools	300	350	-14.3%	300	0.0%
Other State	3,600	3,600	0.0%	3,700	-2.7%
Local	3,650	3,850	-5.2%	3,500	4.3%
Local Schools	2,100	2,200	-4.5%	2,000	5.0%
Other Local	1,550	1,650	-6.1%	1,500	3.3%

LABOR FORCE

NORTH DAKOTA AND MSA'S

	CURRENT MONTH January 1990	PREVIOUS MONTH December 1989	% CHANGE FROM December 1989	ONE YEAR AGO January 1989	% CHANGE FROM January 1989
UNITED STATES					
(In Thousands)					
Labor Force	126,095	126,246	-0.1%	124,961	0.9%
Employment	119,560	119,588	0.0%	118,336	1.0%
Unemployment	6,535	6,658	-1.8%	6,625	-1.4%
Unemployment Rate	5.2%	5.3%	xxx	5.3%	xxx
NORTH DAKOTA					
Labor Force	318,340	322,600	-1.3%	324,220	-1.8%
Employment	302,640	309,300	-2.2%	306,620	-1.3%
Unemployment	15,700	13,300	18.0%	17,600	-10.8%
Unemployment Rate	4.9%	4.1%	xxx	5.4%	xxx
FARGO-MOORHEAD MSA					
Labor Force	87,080	87,930	-1.0%	87,230	-0.2%
Employment	84,320	85,630	-1.5%	84,090	0.3%
Unemployment	2,760	2,300	20.0%	3,140	-12.1%
Unemployment Rate	3.2%	2.6%	xxx	3.6%	xxx
GRAND FORKS MSA					
Labor Force	35,910	36,490	-1.6%	35,950	-0.1%
Employment	34,430	35,370	-2.7%	34,500	-0.2%
Unemployment	1,480	1,120	32.1%	1,450	2.1%
Unemployment Rate	4.1%	3.1%	xxx	4.0%	xxx
BISMARCK MSA					
Labor Force	46,160	46,850	-1.5%	46,740	-1.2%
Employment	43,850	44,760	-2.0%	44,270	-0.9%
Unemployment	2,310	2,090	10.5%	2,470	-6.5%
Unemployment Rate	5.0%	4.5%	xxx	5.3%	xxx

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.
The Bismarck MSA includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
December 1989

	NORTH DAKOTA	MINNESOTA	SOUTH DAKOTA	MONTANA
Labor Force	322.6	2,363.6	365.0	396.6
Employment	309.3	2,278.8	351.7	375.5
Unemployment	13.3	84.8	13.3	21.1
Unemployment Rate	4.1%	3.6%	3.7%	5.3%

UNITED STATES

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1990	December 1989	January 1989	January 1990	December 1989	January 1989	January 1990	December 1989	January 1989
MANUFACTURING	430.36	440.26	425.17	40.6	41.3	41.0	10.60	10.66	10.37
Durable Goods	454.85	468.44	455.62	41.2	41.9	41.8	11.04	11.18	10.90
Nondurable Goods	397.60	402.98	383.84	39.8	40.5	39.9	9.99	9.95	9.62

NORTH DAKOTA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1990	December 1989	January 1989	January 1990	December 1989	January 1989	January 1990	December 1989	January 1989
MANUFACTURING	356.81	368.81	328.04	40.5	41.3	38.1	8.81	8.93	8.61
Durable Goods	375.08	397.38	357.82	41.4	43.1	40.8	9.06	9.22	8.77
Nondurable Goods	336.15	338.84	302.15	39.5	39.4	35.8	8.51	8.60	8.44
Food & Kindred	362.79	359.82	315.91	43.5	43.3	38.2	8.34	8.31	8.27

FARGO-MOORHEAD MSA

MANUFACTURING HOURS AND E[illegible]GS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1990	December 1989	January 1989	January 1990	December 1989	January 1989	January 1990	December 1989	January 1989
MANUFACTURING	341.82	386.96	344.34	39.2	42.9	39.9	8.72	9.02	8.63
Durable Goods	304.43	389.73	314.88	36.9	43.4	38.4	8.25	8.98	8.20
Nondurable Goods	378.40	385.48	368.67	41.4	42.5	41.1	9.14	9.07	8.97

U. S. CONSUMER PRICE INDEX

ALL URBAN CONSUMERS

(1982-84=100)

ITEM	ANNUAL AVERAGE 1989	January 1990	December 1989	Percent Change From December 1989	January 1989	Percent Change From January 1989
All Items	124.0	127.4	126.1	1.0%	121.1	5.2%
Food & Beverage	124.9	130.0	127.2	2.2%	122.0	6.6%
Housing	123.0	125.9	124.9	0.8%	120.7	4.3%
Apparel & Upkeep	118.6	116.7	119.2	-2.1%	115.3	1.2%
Transportation	114.1	117.2	115.2	1.7%	111.1	5.5%
Medical Care	149.3	155.9	154.4	1.0%	143.8	8.4%
Entertainment	126.5	129.9	129.1	0.6%	123.8	4.9%
All Other	147.7	154.0	152.9	0.7%	143.4	7.4%

PRODUCER PRICE INDEX

UNITED STATES AVERAGE

ITEM	ANNUAL AVERAGE 1989	January 1990	December 1989	Percent Change From December 1989	January 1989	Percent Change From January 1989
All Commodities	112.2	114.9	113.0	1.7%	110.3	4.2%
Farm Products & Processed Foods and Feeds	115.3	118.2	116.5	1.5%	114.8	3.0%
Industrial Commodities	111.6	114.2	112.3	1.7%	109.4	4.4%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	JAN'90	DEC'89	JAN'89	JAN'90	DEC'89	JAN'89	JAN'90	DEC'89	JAN'89	JAN'90	DEC'89	JAN'89
Divide	1,288	1,302	1,358	1,263	1,276	1,305	25	26	53	1.9%	2.0%	3.9%
McKenzie	2,563	2,719	2,697	2,471	2,622	2,577	92	97	120	3.6%	3.6%	4.4%
Williams	10,568	10,573	11,010	10,022	10,200	10,309	546	373	701	5.2%	3.5%	6.4%
REGION 1	14,419	14,594	15,065	13,756	14,098	14,191	663	496	874	4.6%	3.4%	5.8%
Bottineau	3,178	3,251	3,243	2,977	3,078	3,033	201	173	210	6.3%	5.3%	6.5%
Burke	1,214	1,231	1,299	1,141	1,175	1,214	73	56	85	6.0%	4.5%	6.5%
McHenry	2,493	2,495	2,533	2,130	2,201	2,149	363	294	384	14.6%	11.8%	15.2%
Mountrail	3,194	3,208	3,185	2,960	3,014	2,906	234	194	279	7.3%	6.0%	8.8%
Pierce	2,340	2,410	2,393	2,252	2,325	2,275	88	85	118	3.8%	3.5%	4.9%
Renville	1,139	1,197	1,156	1,087	1,146	1,093	52	51	63	4.6%	4.3%	5.4%
Ward	25,015	25,106	25,827	23,635	23,952	24,276	1,380	1,154	1,551	5.5%	4.6%	6.0%
REGION 2	38,573	38,898	39,636	36,182	36,891	36,946	2,391	2,007	2,690	6.2%	5.2%	6.8%
Benson	2,667	2,702	3,151	2,363	2,447	2,862	304	255	289	11.4%	9.4%	9.2%
Cavalier	2,424	2,518	2,503	2,251	2,368	2,287	173	150	216	7.1%	6.0%	8.6%
Eddy	1,387	1,364	1,393	1,238	1,252	1,250	149	112	143	10.7%	8.2%	10.3%
Ramsey	6,652	6,643	6,594	6,353	6,385	6,236	299	258	358	4.5%	3.9%	5.4%
Rolette	4,342	4,375	4,516	3,786	3,880	3,861	556	495	655	12.8%	11.3%	14.5%
Towner	1,623	1,691	1,671	1,536	1,613	1,629	87	78	42	5.4%	4.6%	2.5%
REGION 3	19,095	19,293	19,828	17,527	17,945	18,125	1,568	1,348	1,703	8.2%	7.0%	8.6%
Grand Forks	35,913	36,489	35,948	34,430	35,365	34,495	1,483	1,124	1,453	4.1%	3.1%	4.0%
Nelson	1,805	1,830	1,861	1,698	1,728	1,731	107	102	130	5.9%	5.6%	7.0%
Pembina	5,212	5,271	5,213	4,735	4,867	4,703	477	404	510	9.2%	7.7%	9.8%
Walsh	7,192	7,344	7,474	6,794	7,017	7,023	398	327	451	5.5%	4.5%	6.0%
REGION 4	50,122	50,934	50,496	47,657	48,977	47,952	2,465	1,957	2,544	4.9%	3.8%	5.0%
Cass	61,329	62,161	62,019	59,695	60,739	60,210	1,634	1,422	1,809	2.7%	2.3%	2.9%
Ransom	2,571	2,588	2,660	2,486	2,499	2,566	85	89	94	3.3%	3.4%	3.5%
Richland	8,508	8,529	8,633	8,170	8,199	8,243	338	330	390	4.0%	3.9%	4.5%
Sargent	2,537	2,530	2,569	2,480	2,493	2,455	57	37	114	2.2%	1.5%	4.4%
Steele	1,022	1,041	1,054	967	992	985	55	49	69	5.4%	4.7%	6.5%
Traill	4,221	4,403	4,189	4,079	4,242	4,064	142	161	125	3.4%	3.7%	3.0%
REGION 5	80,188	81,252	81,124	77,877	79,164	78,523	2,311	2,088	2,601	2.9%	2.6%	3.2%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	JAN'90	DEC'89	JAN'89	JAN'90	DEC'89	JAN'89	JAN'90	DEC'89	JAN'89	JAN'90	DEC'89	JAN'89
Barnes	5,617	5,733	5,634	5,321	5,423	5,302	296	310	332	5.3%	5.4%	5.9%
Dickey	2,963	3,015	2,954	2,877	2,936	2,834	86	79	120	2.9%	2.6%	4.1%
Foster	2,127	2,176	2,038	2,002	2,077	1,945	125	99	93	5.9%	4.5%	4.6%
Griggs	1,457	1,462	1,485	1,367	1,407	1,404	90	55	81	6.2%	3.8%	5.5%
La Moure	2,150	2,222	2,212	2,047	2,135	2,062	103	87	150	4.8%	3.9%	6.8%
Logan	1,365	1,397	1,407	1,326	1,365	1,333	39	32	74	2.9%	2.3%	5.3%
McIntosh	2,104	2,157	2,106	2,058	2,103	2,064	46	54	42	2.2%	2.5%	2.0%
Stutsman	11,520	11,631	11,823	10,992	11,211	11,204	528	420	619	4.6%	3.6%	5.2%
Wells	2,644	2,718	2,742	2,401	2,534	2,483	243	184	259	9.2%	6.8%	9.4%
REGION 6	31,947	32,511	32,401	30,391	31,191	30,631	1,556	1,320	1,770	4.9%	4.1%	5.5%
Burleigh	33,702	34,233	34,068	32,181	32,845	32,484	1,521	1,388	1,584	4.5%	4.1%	4.6%
Emmons	2,055	2,055	2,101	1,915	1,941	1,950	140	114	151	6.8%	5.5%	7.2%
Grant	1,654	1,719	1,697	1,596	1,659	1,590	58	60	107	3.5%	3.5%	6.3%
Kidder	1,504	1,489	1,493	1,338	1,351	1,342	166	138	151	11.0%	9.3%	10.1%
McLean	4,303	4,262	4,322	3,993	4,012	3,981	310	250	341	7.2%	5.9%	7.9%
Mercer	5,467	5,453	5,573	5,035	5,095	5,112	432	358	461	7.9%	6.6%	8.3%
Morton	12,462	12,615	12,671	11,673	11,914	11,783	789	701	888	6.3%	5.6%	7.0%
Oliver	939	988	1,004	878	934	908	61	54	96	6.5%	5.5%	9.6%
Sheridan	1,071	1,138	1,080	1,009	1,069	965	62	69	115	5.8%	6.1%	10.6%
Sioux	1,138	1,145	1,205	1,019	1,027	1,038	119	118	167	10.5%	10.3%	13.9%
REGION 7	64,295	65,097	65,214	60,637	61,847	61,153	3,658	3,250	4,061	5.7%	5.0%	6.2%
Adams	1,607	1,628	1,602	1,571	1,585	1,562	36	43	40	2.2%	2.6%	2.5%
Billings	541	628	579	505	593	516	36	35	63	6.7%	5.6%	10.9%
Bowman	2,018	2,067	2,063	1,957	2,022	1,981	61	45	82	3.0%	2.2%	4.0%
Dunn	1,629	1,665	1,577	1,516	1,556	1,416	113	109	161	6.9%	6.5%	10.2%
Gldn Valley	955	1,016	989	928	986	940	27	30	49	2.8%	3.0%	5.0%
Hettinger	1,650	1,674	1,686	1,541	1,617	1,567	109	57	119	6.6%	3.4%	7.1%
Slope	419	420	437	374	394	370	45	26	67	10.7%	6.2%	15.3%
Stark	10,890	10,924	11,532	10,226	10,437	10,750	664	487	782	6.1%	4.5%	6.8%
REGION 8	19,709	20,022	20,465	18,618	19,190	19,102	1,091	832	1,363	5.5%	4.2%	6.7%
STATE TOTALS	318,345	322,603	324,223	302,643	309,304	306,622	15,702	13,299	17,601	4.9%	4.1%	5.4%

DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

FARGO
1350 32nd Street South
Phone: 237-7113

JAMESTOWN
429 2nd Street Southwest
Phone: 251-2256

BEULAH
119 East Main
Phone: 873-5607

DEVILS LAKE
301 South College Drive
Phone: 662- 2181

GRAND FORKS
2016 South Washington
Phone: 777-3711

MANDAN
501 1st Street Northwest
Phone: 663-6461

ROLLA
103 East Main
Phone: 477-5631

UND - GRAND FORKS
McCannel Hall - Room 141
Phone: 777-3904

DICKINSON
66 Osborn Drive
Phone: 227-2361

GRAFTON
728 Hill Avenue South
Phone: 352-2202

MINOT
3416 North Broadway
Phone: 852-2164

NDSU - FARGO
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

VALLEY CITY
2425 West Main
Phone: 845-7261

WAHPETON
524 2nd Avenue North
Phone: 671-2711

WILLISTON
422 1st Avenue West
Phone: 572-7771

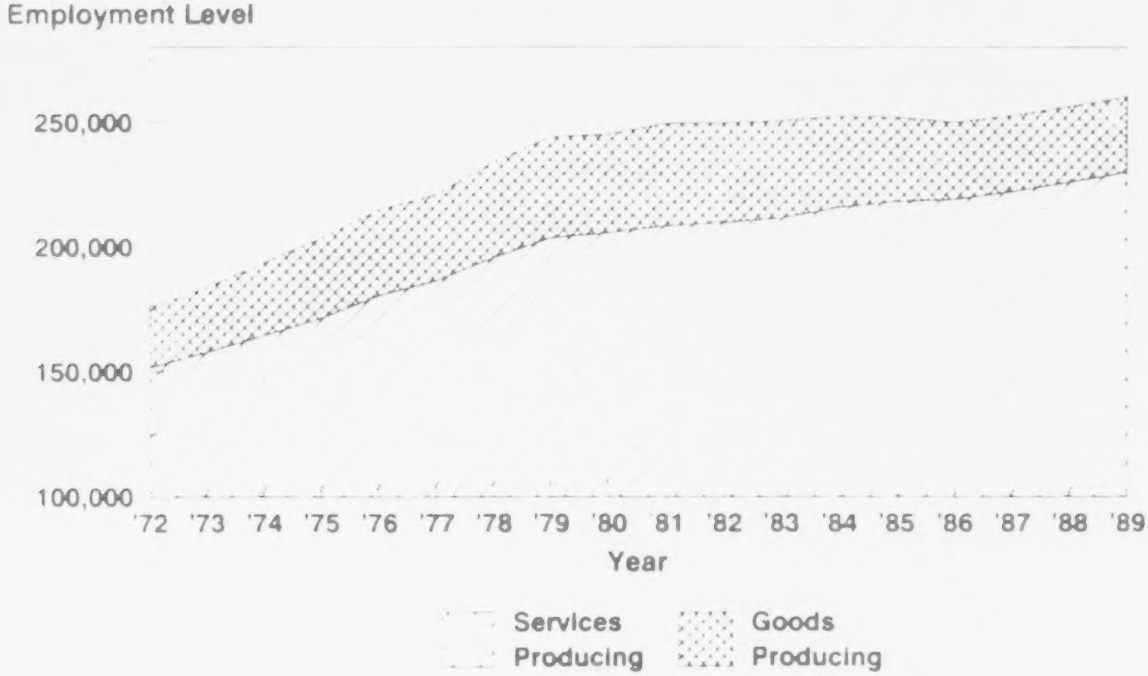
NEW TOWN
Tribal Administration Building
Phone: 627-4390

February 1990
Volume [illegible] Number 2

JOB
SERVICE
North Dakota

The North Dakota Labor Market Advisor

NORTH DAKOTA
Total Nonag Employment Levels
1972 - 1989



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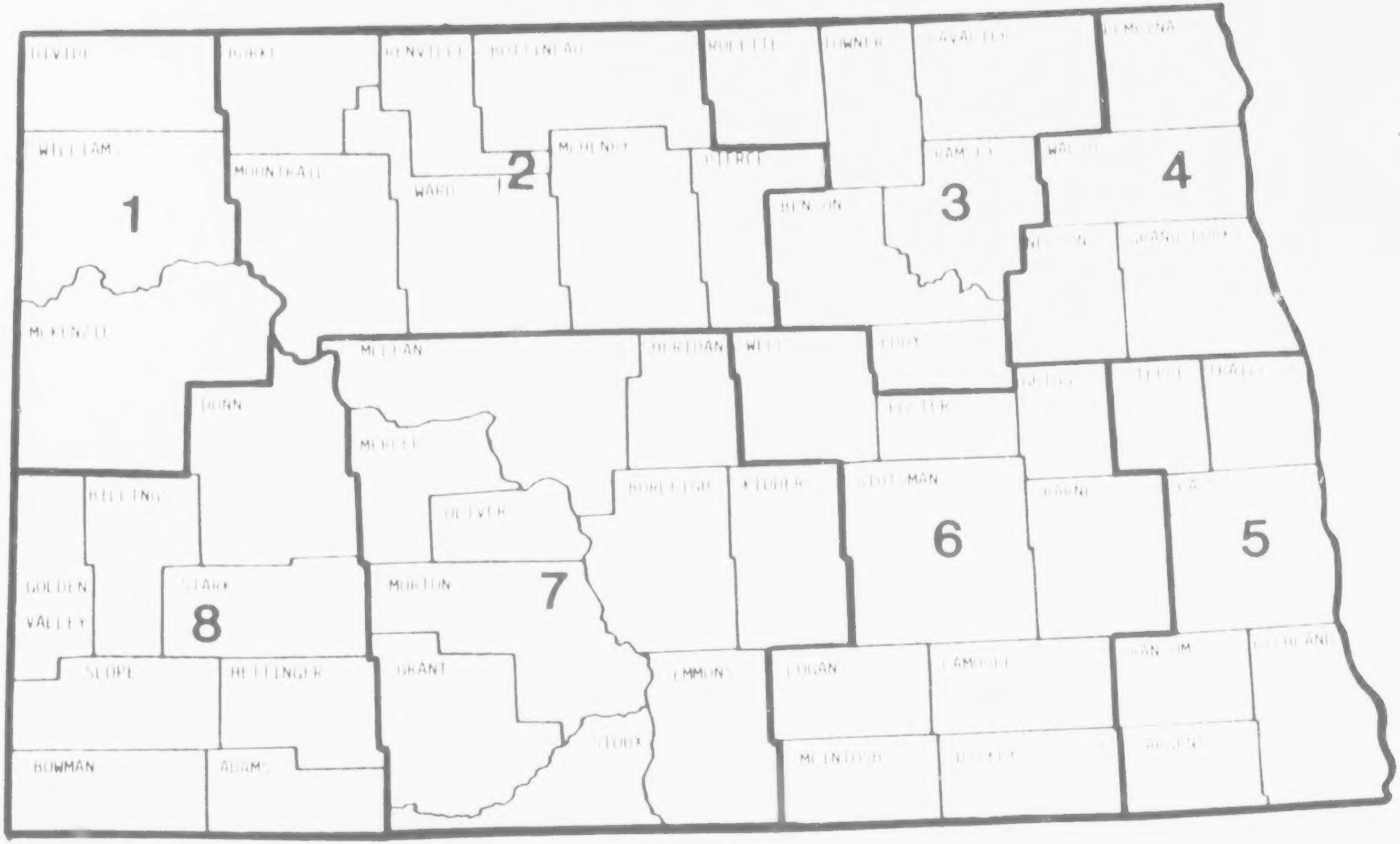
NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
MOUNTRAIL
WARD
2
MCHENRY
PIERCE
RAMSEY
WALSH
4
1
BENSON
3
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
GRIGGS
STEELE
TRAILL
DUNN
FOSTER
MERCER
BILLINGS
OLIVER
BURLEIGH
KIDDER
STUTSMAN
BARNES
CASS
6
5
GOLDEN
VALLEY
STARK
8
MORTON
7
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
SIOUX
BOWMAN
ADAMS
MCINTOSH
DICKEY
SARGENT

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THE
NORTH DAKOTA
LABOR MARKET ADVISOR

February, 1990

GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

Micheal V. Deisz
Executive Director

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Chief (701) 224-2868

1989 - THE YEAR IN REVIEW

Average statewide employment reached a level of 260,350 in 1989, exhibiting an increase of 1.5% from 1988. In this article, we will be looking at the overall changes that contributed to these employment increases.

STATEWIDE

To look back for a moment, 1988 total nonfarm employment stood at 256,000, a gain of 3,750 jobs over 1987. Although the construction and finance, insurance, and real estate industries showed declines, all other industries posted increases over the year, the most notable of which was the services industry, gaining 3,000 jobs over the year.

Although we all hear wistful reminiscing about the "good old days" of the oil boom, employment in North Dakota now stands at the highest level ever. Although the goods-producing sector (which includes mining, construction and manufacturing) has been declining at a more or less steady pace since the high in 1981, the services- producing sector has more than compensated for this loss. Since 1981, we have lost almost 11,000 jobs from the goods-producing sector (7,000 from mining, 5,000 from construction, and a gain of 1,000 in manufacturing). However, we have gained nearly 22,000 in the services-producing sector, leaving a net gain of 11,000, or an increase of 9.6%.

Mining showed the largest decrease in employment in 1989, specifically in the gas and oil sector. After posting a modest employment gain in 1988, mining is now at its lowest level since 1977. Lately, there has been a great deal of press regarding the development of horizontal drilling in the western oil fields. However, this drilling is occurring in existing wells and there is not the need for seismographic crews, which in the past has accounted for most of the employment in the oil industry.

Construction continued on its downward trend, dropping an additional 100 in the street, highway and heavy construction sector.

The manufacturing division is still showing gains, increasing 1.2% over the year. The current employment level of 16,550 is only 100 less than its all time high in 1979. Most of the increases are occurring in the durable goods sector--specifically, the industrial machinery and transportation industries.

The transportation, communication and utilities industry gained 200 jobs since 1988. Trucking and warehousing remained level with all of the increase occurring in other transportation industries. Communications and utilities swapped 100 employees, with communications gaining and utilities losing.

The wholesale trade division was up only slightly over the year, adding 100 jobs. However, retail trade posted an increase of 1,100 positions since 1988, with the majority of these in eating and drinking establishments (600). Food stores showed a healthy increase of 300 and the remaining jobs were spread evenly over the other trade industries areas.

The services division was also continuing its upward trend with the addition of 1,750 jobs over the year. The bulk of these jobs was in the health services sector (up 500), the social services sector (up 500) and in personal and business services (up 300).

✓

Government also gained employees over the year with state government education adding 200 positions and other state government increasing by 300 jobs. Local government also grew by 300 in education and 200 in all other areas.

MSA'S

Employment in North Dakota's three Metropolitan Statistical Areas (MSA'S) grew at a faster rate than total state employment, continuing the pattern of urbanization that we have been experiencing.

FARGO-MOORHEAD

The Fargo-Moorhead MSA (which includes Cass County, North Dakota, and Clay County, Minnesota) gained 1,850 jobs over the past year. The largest percentage increase was in the durable goods manufacturing industry, with 10.9%. This increase was spread evenly over the various durable goods industries. The largest number of jobs created was in the services division which added 900. The bulk of these were in personal and business services, although all other services industries showed substantial growth.

BISMARCK-MANDAN

The Burleigh and Morton County MSA showed the largest percentage gain (3.6%) of all the MSA's over the year. The division recording the largest increase was manufacturing which showed a 7.3% gain. The services division added 600 jobs over the year, divided equally over the various services industries. Retail trade showed a gain of 250 jobs, most of these in food stores and eating and drinking establishments. The only division to show a decline was finance, insurance, and real estate, which lost 50 jobs as these establishments continue to consolidate and streamline operations.

GRAND FORKS

The Grand Forks MSA gained 800 jobs, putting its employment at the highest level since 1981. Three hundred of these new jobs were in the trade sector with eating and drinking establishments accounting for the majority (200). The other increases in Grand Forks occurred in the services division (an increase of 200 jobs) and in government. The 200 job increase in the government sector was due primarily to an increase in state government education.

The benchmark revisions for 1988 and 1989 were recently completed. We have included in this issue of the Labor Market Advisor tables for the two years showing annual average labor force data and wage and salary employment for North Dakota and the three MSA's. We have also included hours and earnings data for production workers in the manufacturing industry in North Dakota and the Fargo-Moorhead MSA.

If you would like additional information, please contact the Research and Statistics Section of Job Service North Dakota at the address or phone number on the title page of this publication.

Lynda Kingsley

Research Analyst

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	February 1990	January 1990	January 1990	February 1989	February 1989
TOTAL	258,250	258,150	0.0%	252,000	2.5%
GOODS PRODUCING	27,750	28,200	-1.6%	26,650	4.1%
MINING	3,600	3,800	-5.3%	3,650	-1.4%
Coal	1,050	1,100	-4.5%	1,100	-4.5%
Crude Petroleum & Nat. Gas	2,400	2,500	-4.0%	2,400	0.0%
Other Mining	150	200	-25.0%	150	0.0%
CONSTRUCTION	7,150	7,450	-4.0%	6,700	6.7%
Building Construction	2,100	2,200	-4.5%	1,950	7.7%
Street, Highway & Heavy	1,050	1,050	0.0%	1,050	0.0%
Special Trade Construction	4,000	4,200	-4.8%	3,700	8.1%
MANUFACTURING	17,000	16,950	0.3%	16,300	4.3%
Durable Goods	8,600	8,450	1.8%	7,600	13.2%
Primary & Fab. Metals	1,100	1,100	0.0%	1,000	10.0%
Machinery & Trans. Equip	5,450	5,450	0.0%	4,800	13.5%
Machinery & Electric	3,900	3,900	0.0%	3,400	14.7%
Transportation Equipment	1,550	1,550	0.0%	1,400	10.7%
Other Durables	2,050	1,900	7.9%	1,800	13.9%
Lumber & Wood	1,100	1,050	4.8%	950	15.8%
Misc Durable	950	850	11.8%	850	11.8%
Nondurable Goods	8,400	8,500	-1.2%	8,700	-3.4%
Food & Kindred Products	4,450	4,550	-2.2%	4,600	-3.3%
Dairy Products	650	650	0.0%	700	-7.1%
Bakery Products	850	900	-5.6%	800	6.3%
Sugar & Confectionary	1,000	1,000	0.0%	1,000	0.0%
Other Foods	1,950	2,000	-2.5%	2,100	-7.1%
Printing & Publishing	2,600	2,600	0.0%	2,500	4.0%
Other Nondurable Goods	1,350	1,350	0.0%	1,600	-15.6%
SERVICES PRODUCING	230,500	229,950	0.2%	225,350	2.3%
TRAN, COMM & UTILITIES	17,000	17,000	0.0%	16,650	2.1%
Transportation	8,700	8,700	0.0%	8,650	0.6%
Trucking & Warehousing	4,900	4,900	0.0%	4,900	0.0%
Other Transportation	3,800	3,800	0.0%	3,750	1.3%
Railroads	1,800	1,800	0.0%	1,800	0.0%
Local & Suburban Transport	950	900	5.6%	950	0.0%
Water, Air & Pipeline	1,050	1,100	-4.5%	1,000	5.0%
Communications	3,600	3,600	0.0%	3,400	5.9%
Utilities	4,700	4,700	0.0%	4,600	2.2%
WHOLESALE TRADE	19,000	19,100	-0.5%	18,800	1.1%
Durable Goods	8,800	8,800	0.0%	8,600	2.3%
Nondurable Goods	10,200	10,300	-1.0%	10,200	0.0%

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	February 1990	January 1990	January 1990	February 1989	February 1989
RETAIL TRADE	48,750	49,350	-1.2%	47,200	3.3%
Hardware & Garden	2,100	2,200	-4.5%	2,300	-8.7%
General Merchandise	6,400	6,800	-5.9%	6,300	1.6%
Food Stores	7,000	7,000	0.0%	6,700	4.5%
Auto & Service Stations	6,700	6,800	-1.5%	6,400	4.7%
Apparel & Accessory	2,600	2,700	-3.7%	2,500	4.0%
Furniture Stores	1,650	1,650	0.0%	1,600	3.1%
Eating & Drinking Places	17,000	17,000	0.0%	16,500	3.0%
Misc Retail	5,300	5,200	1.9%	4,900	8.2%
FINANCE,INS & REAL ESTATE	12,400	12,350	0.4%	12,100	2.5%
Finance	6,700	6,700	0.0%	6,600	1.5%
Banking	5,700	5,700	0.0%	5,600	1.8%
Other Finance	1,000	1,000	0.0%	1,000	0.0%
Insurance	3,900	3,850	1.3%	3,850	1.3%
Insurance Underwriters	2,500	2,500	0.0%	2,500	0.0%
Ins. Agents & Brokers	1,400	1,350	3.7%	1,350	3.7%
Real Estate	1,800	1,800	0.0%	1,650	9.1%
SERVICES	66,650	66,350	0.5%	64,100	4.0%
Lodging	4,200	4,200	0.0%	4,100	2.4%
Personal & Business	8,200	8,100	1.2%	7,600	7.9%
Personal Services	3,300	3,200	3.1%	3,200	3.1%
Business Services	4,900	4,900	0.0%	4,400	11.4%
Recreational Services	2,000	2,000	0.0%	2,200	-9.1%
Health Services	27,600	27,700	-0.4%	27,100	1.8%
Nursing & Hospital	20,100	20,200	-0.5%	19,900	1.0%
Other Health	7,500	7,500	0.0%	7,200	4.2%
Membership Organizations	8,200	8,100	1.2%	8,100	1.2%
Educational Services	3,000	2,900	3.4%	2,800	7.1%
Social Services	6,300	6,300	0.0%	5,500	14.5%
Other Services	7,150	7,050	1.4%	6,700	6.7%
Auto & Misc Repair	2,200	2,200	0.0%	2,100	4.8%
Legal Services	1,450	1,450	0.0%	1,400	3.6%
Misc Services	3,500	3,400	2.9%	3,200	9.4%
GOVERNMENT	66,700	65,800	1.4%	66,500	0.3%
Federal	10,200	10,200	0.0%	10,300	-1.0%
State & Local	56,500	55,600	1.6%	56,200	0.5%
State Government	20,300	19,800	2.5%	20,300	0.0%
Educational Services	13,500	13,000	3.8%	13,400	0.7%
Other State Government	6,800	6,800	0.0%	6,900	-1.4%
Local Government	36,200	35,800	1.1%	35,900	0.8%
Educational Services	18,700	18,400	1.6%	18,200	2.7%
Other Local Government	17,500	17,400	0.6%	17,700	-1.1%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH February 1990	PREVIOUS MONTH January 1990	% CHANGE FROM January 1990	ONE YEAR AGO February 1989	% CHANGE FROM February 1989
FARGO-MOORHEAD MSA					
TOTAL	75,450	75,550	-0.1%	72,950	3.4%
GOODS PRODUCING	8,350	8,450	-1.2%	7,550	10.6%
MINING & CONSTRUCTION	2,950	3,100	-4.8%	2,550	15.7%
Special Trades	1,700	1,800	-5.6%	1,500	13.3%
Other Construction & Mining	1,250	1,300	-3.8%	1,050	19.0%
MANUFACTURING	5,400	5,350	0.9%	5,000	8.0%
Durable Goods	2,550	2,500	2.0%	2,250	13.3%
Fabricated Metal & Machinery	1,450	1,400	3.6%	1,200	20.8%
Other Durable Goods	1,100	1,100	0.0%	1,050	4.8%
Nondurable Goods	2,850	2,850	0.0%	2,750	3.6%
Food & Kindred	1,800	1,800	0.0%	1,750	2.9%
Other Nondurables	1,050	1,050	0.0%	1,000	5.0%
SERVICES PRODUCING	67,100	67,100	0.0%	65,400	2.6%
TRANS, COMM & UTIL	4,550	4,550	0.0%	4,600	-1.1%
Trucking & Warehousing	950	950	0.0%	950	0.0%
Other Transportation	2,000	2,000	0.0%	1,900	5.3%
Communications & Utilities	1,600	1,600	0.0%	1,750	-8.6%
WHOLESALE TRADE	6,400	6,400	0.0%	6,400	0.0%
Durable	3,700	3,700	0.0%	3,600	2.8%
Nondurable	2,700	2,700	0.0%	2,800	-3.6%
RETAIL TRADE	14,600	14,850	-1.7%	14,350	1.7%
General Merchandise & Apparel	3,000	3,100	-3.2%	2,800	7.1%
Food Stores	1,750	1,800	-2.8%	1,950	-10.3%
Auto Dealers & Svc. Stations	1,850	1,850	0.0%	1,600	15.6%
Eating & Drinking Places	5,500	5,500	0.0%	5,300	3.8%
Other Retail	2,500	2,600	-3.8%	2,700	-7.4%
FINANCE, INS & R E	4,550	4,550	0.0%	4,350	4.6%
Finance	2,100	2,100	0.0%	1,950	7.7%
Insurance Carriers	1,450	1,450	0.0%	1,450	0.0%
Other Fin, Ins. & R.Estate	1,000	1,000	0.0%	950	5.3%
SERVICES	21,650	21,600	0.2%	20,600	5.1%
Lodging	1,350	1,300	3.8%	1,300	3.8%
Personal & Business	3,500	3,500	0.0%	3,400	2.9%
Recreation & Amusement	800	800	0.0%	900	-11.1%
Health Services	7,800	7,900	-1.3%	7,500	4.0%
Educational Services	2,300	2,200	4.5%	2,200	4.5%
Social Services	1,700	1,700	0.0%	1,550	9.7%
Membership Services	1,500	1,500	0.0%	1,450	3.4%
Other Services	2,700	2,700	0.0%	2,300	17.4%
GOVERNMENT	15,350	15,150	1.3%	15,100	1.7%
Federal	2,300	2,300	0.0%	2,200	4.5%
State	6,350	6,250	1.6%	6,400	-0.8%
State School	5,800	5,700	1.8%	5,900	-1.7%
Other State	550	550	0.0%	500	10.0%
Local	6,700	6,600	1.5%	6,500	3.1%
Local School	4,000	4,000	0.0%	3,900	2.6%
Other Local	2,700	2,600	3.8%	2,600	3.8%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	February 1990	January 1990	January 1990	February 1989	February 1989
GRAND FORKS MSA					
TOTAL	31,450	31,350	0.3%	30,550	2.9%
GOODS PRODUCING	2,550	2,500	2.0%	2,700	-5.6%
MINING & CONSTRUCTION	1,000	1,000	0.0%	950	5.3%
MANUFACTURING	1,550	1,500	3.3%	1,750	-11.4%
Durable Goods	550	500	10.0%	550	0.0%
Nondurable Goods	1,000	1,000	0.0%	1,200	-16.7%
SERVICES PRODUCING	28,900	28,850	0.2%	27,850	3.8%
TRANS, COMM. & UTIL.	1,650	1,650	0.0%	1,550	6.5%
Transportation	1,000	1,000	0.0%	950	5.3%
Communications & Utilities	650	650	0.0%	600	8.3%
WHOLESALE TRADE	1,650	1,650	0.0%	1,450	13.8%
RETAIL TRADE	7,450	7,650	-2.6%	7,100	4.9%
General Merchandise & Apparel	1,850	1,950	-5.1%	1,800	2.8%
Eating & Drinking Places	2,800	2,800	0.0%	2,600	7.7%
Other Retail	2,800	2,900	-3.4%	2,700	3.7%
FINANCE, INS. & R E	1,150	1,150	0.0%	1,100	4.5%
SERVICES	7,000	7,050	-0.7%	6,900	1.4%
Personal & Business	900	950	-5.3%	900	0.0%
Health	2,800	2,900	-3.4%	2,900	-3.4%
Other Services	3,300	3,200	3.1%	3,100	6.5%
GOVERNMENT	10,000	9,700	3.1%	9,750	2.6%
Federal	1,600	1,600	0.0%	1,500	6.7%
State	5,850	5,550	5.4%	5,750	1.7%
State School	5,400	5,100	5.9%	5,300	1.9%
Other State	450	450	0.0%	450	0.0%
Local	2,550	2,550	0.0%	2,500	2.0%
Local School	1,350	1,350	0.0%	1,350	0.0%
Other Local	1,200	1,200	0.0%	1,150	4.3%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	February 1990	January 1990	January 1990	February 1989	February 1989
BISMARCK MSA					
TOTAL	38,450	38,400	0.1%	37,350	2.9%
GOODS PRODUCING	3,500	3,450	1.4%	3,200	9.4%
MINING & CONSTRUCTION	1,300	1,350	-3.7%	1,200	8.3%
MANUFACTURING	2,200	2,100	4.8%	2,000	10.0%
Durable Goods	900	850	5.9%	800	12.5%
Nondurable Goods	1,300	1,250	4.0%	1,200	8.3%
SERVICES PRODUCING	34,950	34,950	0.0%	34,150	2.3%
TRANS, COMM. & UTIL.	2,850	2,850	0.0%	2,650	7.5%
Transportation	1,150	1,150	0.0%	1,100	4.5%
Communications & Utilities	1,700	1,700	0.0%	1,550	9.7%
WHOLESALE TRADE	2,300	2,300	0.0%	2,200	4.5%
RETAIL TRADE	7,750	7,900	-1.9%	7,500	3.3%
General Merchandise & Apparel	1,650	1,750	-5.7%	1,650	0.0%
Food Stores	1,050	1,050	0.0%	850	23.5%
Auto Dealers & Svc. Stations	1,000	1,000	0.0%	1,100	-9.1%
Eating & Drinking Places	2,500	2,600	-3.8%	2,400	4.2%
Other Retail	1,550	1,500	3.3%	1,500	3.3%
FINANCE, INS. & R E	1,500	1,500	0.0%	1,550	-3.2%
SERVICES	11,750	11,700	0.4%	11,400	3.1%
Lodging	950	900	5.6%	900	5.6%
Personal & Business	1,400	1,400	0.0%	1,300	7.7%
Health Services	4,800	4,800	0.0%	4,700	2.1%
Educational Services	850	850	0.0%	800	6.3%
Social Services	1,100	1,100	0.0%	1,050	4.8%
Membership Services	1,050	1,050	0.0%	1,200	-12.5%
Other Services	1,600	1,600	0.0%	1,450	10.3%
GOVERNMENT	8,800	8,700	1.1%	8,850	-0.6%
Federal	1,150	1,150	0.0%	1,150	0.0%
State	3,950	3,900	1.3%	4,000	-1.3%
State Schools	350	300	16.7%	300	16.7%
Other State	3,600	3,600	0.0%	3,700	-2.7%
Local	3,700	3,650	1.4%	3,700	0.0%
Local Schools	2,100	2,100	0.0%	2,100	0.0%
Other Local	1,600	1,550	3.2%	1,600	0.0%

LABOR FORCE

NORTH DAKOTA AND MSA'S

	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	February 1990	January 1990	January 1990	February 1989	February 1989
UNITED STATES					
(In Thousands)					
Labor Force	126,307	126,095	0.2%	124,801	1.2%
Employment	119,713	119,560	0.1%	118,441	1.1%
Unemployment	6,594	6,535	0.9%	6,360	3.7%
Unemployment Rate	5.2%	5.2%	xxx	5.1%	xxx
NORTH DAKOTA					
Labor Force	318,641	318,085	0.2%	322,670	-1.2%
Employment	303,134	302,371	0.3%	306,360	-1.1%
Unemployment	15,507	15,714	-1.3%	16,310	-4.9%
Unemployment Rate	4.9%	4.9%	xxx	5.1%	xxx
FARGO-MOORHEAD MSA					
Labor Force	87,028	86,986	0.0%	87,100	-0.1%
Employment	84,154	84,219	-0.1%	84,060	0.1%
Unemployment	2,874	2,767	3.9%	3,040	-5.5%
Unemployment Rate	3.3%	3.2%	xxx	3.5%	xxx
GRAND FORKS MSA					
Labor Force	35,930	35,829	0.3%	36,130	-0.6%
Employment	34,648	34,351	0.9%	34,910	-0.8%
Unemployment	1,282	1,478	-13.3%	1,220	5.1%
Unemployment Rate	3.6%	4.1%	xxx	3.4%	xxx
BISMARCK MSA					
Labor Force	46,161	46,145	0.0%	46,580	-0.9%
Employment	43,859	43,833	0.1%	44,210	-0.8%
Unemployment	2,302	2,312	-0.4%	2,370	-2.9%
Unemployment Rate	5.0%	5.0%	xxx	5.1%	xxx

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.
The Bismarck MSA includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
January 1990

	NORTH DAKOTA	MINNESOTA	SOUTH DAKOTA	MONTANA
Labor Force	318.1	2,356.3	349.5	403.5
Employment	302.4	2,254.0	334.4	378.7
Unemployment	15.7	102.3	15.1	24.8
Unemployment Rate	4.9%	4.3%	3.7%	6.1%

U. S. CONSUMER PRICE INDEX

ALL URBAN CONSUMERS

(1982-84=100)

ITEM	ANNUAL AVERAGE 1989	February 1990	January 1990	Percent Change From January 1990	February 1989	Percent Change From February 1989
All Items	124.0	128.0	127.4	0.5%	121.6	5.3%
Food & Beverage	124.9	130.9	130.0	0.7%	122.7	6.7%
Housing	123.0	126.1	125.9	0.2%	121.1	4.1%
Apparel & Upkeep	118.6	120.4	116.7	3.2%	115.3	4.4%
Transportation	114.1	117.1	117.2	-0.1%	111.6	4.9%
Medical Care	149.3	157.5	155.9	1.0%	145.2	8.5%
Entertainment	126.5	130.4	129.9	0.4%	124.3	4.9%
All Other	147.7	154.7	154.0	0.5%	144.1	7.4%

PRODUCER PRICE INDEX

UNITED STATES AVERAGE

ITEM	ANNUAL AVERAGE 1989	February 1990	January 1990	Percent Change From January 1990	February 1989	Percent Change From February 1989
All Commodities	112.2	114.4	114.9	-0.4%	110.8	3.2%
Farm Products & Processed Foods and Feeds	115.3	118.5	118.2	0.3%	114.6	3.4%
Industrial Commodities	111.6	113.6	114.2	-0.5%	110.1	3.2%

UNITED STATES

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1990	January 1990	February 1989	February 1990	January 1990	February 1989	February 1990	January 1990	February 1989
MANUFACTURING	431.88	429.95	423.50	40.4	40.6	40.8	10.69	10.59	10.38
Durable Goods	460.32	455.67	452.77	41.1	41.2	41.5	11.20	11.06	10.91
Nondurable Goods	394.21	396.41	382.88	39.5	39.8	39.8	9.98	9.96	9.62

NORTH DAKOTA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1990	January 1990	February 1989	February 1990	January 1990	February 1989	February 1990	January 1990	February 1989
MANUFACTURING	353.82	348.57	335.16	39.8	39.7	39.2	8.89	8.78	8.55
Durable Goods	373.01	365.81	358.69	41.4	40.6	40.9	9.01	9.01	8.77
Nondurable Goods	332.50	328.49	312.75	38.0	38.6	37.5	8.75	8.51	8.34
Food & Kindred	338.96	347.78	326.42	40.4	41.8	40.2	8.39	8.32	8.12

FARGO-MOORHEAD MSA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1990	January 1990	February 1989	February 1990	January 1990	February 1989	February 1990	January 1990	February 1989
MANUFACTURING	337.92	339.95	335.32	38.4	39.3	38.9	8.80	8.65	8.62
Durable Goods	317.57	301.76	311.56	38.4	37.3	38.8	8.27	8.09	8.03
Nondurable Goods	357.12	375.24	356.07	38.4	41.1	39.0	9.30	9.13	9.13

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	FEB'90	JAN'90	FEB'89	FEB'90	JAN'90	FEB'89	FEB'90	JAN'90	FEB'89	FEB'90	JAN'90	FEB'89
Divide	1,286	1,286	1,304	1,258	1,261	1,272	28	25	32	2.2%	1.9%	2.5%
McKenzie	2,510	2,563	2,640	2,430	2,471	2,510	80	92	130	3.2%	3.6%	4.9%
Williams	10,549	10,578	10,936	10,078	10,023	10,344	471	555	592	4.5%	5.2%	5.4%
REGION 1	14,345	14,427	14,880	13,766	13,755	14,126	579	672	754	4.0%	4.7%	5.1%
Bottineau	3,202	3,176	3,202	2,963	2,976	2,997	239	200	205	7.5%	6.3%	6.4%
Burke	1,176	1,217	1,251	1,126	1,141	1,188	50	76	63	4.3%	6.2%	5.0%
McHenry	2,531	2,491	2,491	2,137	2,129	2,122	394	362	369	15.6%	14.5%	14.8%
Mountrail	3,205	3,191	3,154	2,975	2,958	2,901	230	233	253	7.2%	7.3%	8.0%
Pierce	2,398	2,339	2,380	2,286	2,251	2,292	112	88	88	4.7%	3.8%	3.7%
Renville	1,161	1,139	1,165	1,110	1,087	1,102	51	52	63	4.4%	4.6%	5.4%
Ward	24,908	24,993	25,738	23,563	23,619	24,186	1,345	1,374	1,552	5.4%	5.5%	6.0%
REGION 2	38,581	38,546	39,381	36,160	36,161	36,788	2,421	2,385	2,593	6.3%	6.2%	6.6%
Benson	2,615	2,664	2,993	2,298	2,361	2,751	317	303	242	12.1%	11.4%	8.1%
Cavalier	2,505	2,423	2,527	2,319	2,250	2,337	186	173	190	7.4%	7.1%	7.5%
Eddy	1,417	1,385	1,378	1,252	1,237	1,247	165	148	131	11.6%	10.7%	9.5%
Ramsey	6,660	6,648	6,559	6,355	6,348	6,223	305	300	336	4.6%	4.5%	5.1%
Rolette	4,406	4,336	4,488	3,797	3,782	3,863	609	554	625	13.8%	12.8%	13.9%
Towner	1,642	1,622	1,722	1,569	1,535	1,651	73	87	71	4.4%	5.4%	4.1%
REGION 3	19,245	19,078	19,667	17,590	17,513	18,072	1,655	1,565	1,595	8.6%	8.2%	8.1%
Grand Forks	35,930	35,829	36,136	34,648	34,351	34,912	1,282	1,478	1,224	3.6%	4.1%	3.4%
Nelson	1,829	1,803	1,848	1,733	1,697	1,749	96	106	99	5.2%	5.9%	5.4%
Pembina	5,252	5,208	5,191	4,753	4,733	4,692	499	475	499	9.5%	9.1%	9.6%
Walsh	7,175	7,189	7,397	6,772	6,790	6,957	403	399	440	5.6%	5.6%	5.9%
REGION 4	50,186	50,029	50,572	47,906	47,571	48,310	2,280	2,458	2,262	4.5%	4.9%	4.5%
Cass	61,256	61,260	61,987	59,616	59,620	60,296	1,640	1,640	1,691	2.7%	2.7%	2.7%
Ransom	2,567	2,569	2,615	2,475	2,485	2,536	92	84	79	3.6%	3.3%	3.0%
Richland	8,488	8,504	8,581	8,185	8,165	8,217	303	339	364	3.6%	4.0%	4.2%
Sargent	2,553	2,536	2,527	2,495	2,479	2,451	58	57	76	2.3%	2.2%	3.0%
Steele	1,014	1,021	1,025	969	967	964	45	54	61	4.4%	5.3%	6.0%
Traill	4,238	4,219	4,192	4,106	4,078	4,067	132	141	125	3.1%	3.3%	3.0%
REGION 5	80,116	80,109	80,927	77,846	77,794	78,531	2,270	2,315	2,396	2.8%	2.9%	3.0%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	FEB'90	JAN'90	FEB'89	FEB'90	JAN'90	FEB'89	FEB'90	JAN'90	FEB'89	FEB'90	JAN'90	FEB'89
Barnes	5,589	5,612	5,604	5,353	5,318	5,309	236	294	295	4.2%	5.2%	5.3%
Dickey	2,961	2,960	2,911	2,869	2,874	2,798	92	86	113	3.1%	2.9%	3.9%
Foster	2,191	2,123	2,078	2,059	2,000	1,990	132	123	88	6.0%	5.8%	4.2%
Griggs	1,440	1,455	1,454	1,369	1,366	1,387	71	89	67	4.9%	6.1%	4.6%
La Moure	2,199	2,150	2,182	2,081	2,045	2,070	118	105	112	5.4%	4.9%	5.1%
Logan	1,386	1,365	1,396	1,342	1,326	1,331	44	39	65	3.2%	2.9%	4.7%
McIntosh	2,115	2,103	2,080	2,070	2,057	2,052	45	46	28	2.1%	2.2%	1.3%
Stutsman	11,486	11,522	11,714	10,942	10,986	11,119	544	536	595	4.7%	4.7%	5.1%
Wells	2,670	2,647	2,708	2,417	2,402	2,477	253	245	231	9.5%	9.3%	8.5%
REGION 6	32,037	31,937	32,127	30,502	30,374	30,533	1,535	1,563	1,594	4.8%	4.9%	5.0%
Burleigh	33,708	33,689	33,909	32,185	32,166	32,444	1,523	1,523	1,465	4.5%	4.5%	4.3%
Emmons	2,080	2,054	2,077	1,935	1,914	1,942	145	140	135	7.0%	6.8%	6.5%
Grant	1,684	1,647	1,686	1,625	1,589	1,586	59	58	100	3.5%	3.5%	5.9%
Kidder	1,512	1,503	1,490	1,343	1,338	1,324	169	165	166	11.2%	11.0%	11.1%
McLean	4,307	4,306	4,280	3,981	3,992	3,947	326	314	333	7.6%	7.3%	7.8%
Mercer	5,486	5,468	5,526	5,053	5,032	5,108	433	436	418	7.9%	8.0%	7.6%
Morton	12,452	12,455	12,675	11,674	11,667	11,769	778	788	906	6.2%	6.3%	7.1%
Oliver	962	937	995	886	877	905	76	60	90	7.9%	6.4%	9.0%
Sheridan	1,122	1,070	1,066	1,044	1,008	976	78	62	90	7.0%	5.8%	8.4%
Sioux	1,148	1,137	1,176	1,015	1,019	1,030	133	118	146	11.6%	10.4%	12.4%
REGION 7	64,461	64,266	64,880	60,741	60,602	61,031	3,720	3,664	3,849	5.8%	5.7%	5.9%
Adams	1,588	1,605	1,552	1,538	1,569	1,515	50	36	37	3.1%	2.2%	2.4%
Billings	555	541	563	515	505	517	40	36	46	7.2%	6.7%	8.2%
Bowman	1,999	2,015	2,045	1,941	1,955	1,947	58	60	98	2.9%	3.0%	4.8%
Dunn	1,649	1,626	1,559	1,517	1,514	1,390	132	112	169	8.0%	6.9%	10.8%
Gldn Valley	958	954	975	932	927	936	26	27	39	2.7%	2.8%	4.0%
Hettinger	1,660	1,648	1,659	1,551	1,539	1,553	109	109	106	6.6%	6.6%	6.4%
Slope	407	419	417	386	374	370	21	45	47	5.2%	10.7%	11.3%
Stark	10,855	10,884	11,469	10,242	10,219	10,742	613	665	727	5.6%	6.1%	6.3%
REGION 8	19,671	19,692	20,239	18,622	18,602	18,970	1,049	1,090	1,269	5.3%	5.5%	6.3%
STATE TOTALS	318,641	318,085	322,671	303,134	302,371	306,360	15,507	15,714	16,311	4.9%	4.9%	5.1%

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT
ANNUAL AVERAGE

(Rounded to Fifty)

INDUSTRIES	ANNUAL AVERAGE 1988	ANNUAL AVERAGE 1989	% CHANGE 1988 to 1989
TOTAL	256,500	260,350	1.5%
GOODS PRODUCING	30,500	30,300	-0.7%
MINING	4,250	3,950	-7.6%
Coal	1,100	1,100	0.0%
Crude Petroleum & Nat. Gas	2,800	2,500	-12.0%
Other Mining	350	350	0.0%
CONSTRUCTION	9,900	9,800	-1.0%
Building Construction	2,600	2,600	0.0%
Street, Highway & Heavy	2,400	2,300	-4.3%
Special Trade Construction	4,900	4,900	0.0%
MANUFACTURING	16,350	16,550	1.2%
Durable Goods	7,550	8,100	6.8%
Primary & Fab. Metals	1,000	1,050	4.8%
Machinery & Trans. Equip	4,600	4,950	7.1%
Machinery & Electric	3,400	3,600	5.6%
Transportation Equipment	1,200	1,350	11.1%
Other Durables	1,950	2,100	7.1%
Lumber & Wood	800	1,000	20.0%
Misc Durable	1,150	1,100	-4.5%
Nondurable Goods	8,800	8,450	-4.1%
Food & Kindred Products	4,550	4,350	-4.6%
Dairy Products	750	700	-7.1%
Bakery Products	750	800	6.3%
Sugar & Confectionary	900	850	-5.9%
Other Foods	1,450	1,500	3.3%
Printing & Publishing	2,400	2,500	4.0%
Other Nondurable Goods	1,850	1,600	-15.6%
SERVICES PRODUCING	226,000	230,050	1.8%
TRAN, COMM & UTILITIES	16,750	16,950	1.2%
Transportation	8,550	8,750	2.3%
Trucking & Warehousing	5,000	5,000	0.0%
Other Transportation	3,550	3,750	5.3%
Railroads	1,750	1,850	5.4%
Local & Suburban Transportation	800	850	5.9%
Water, Air & Pipeline	1,000	1,050	4.8%
Communications	3,400	3,500	2.9%
Utilities	4,800	4,700	-2.1%
WHOLESALE TRADE	19,500	19,600	0.5%
Durable Goods	9,000	9,000	0.0%
Nondurable Goods	10,500	10,600	0.9%

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT
ANNUAL AVERAGE
(Rounded to Fifty)

INDUSTRIES	ANNUAL AVERAGE	ANNUAL AVERAGE	% CHANGE
	1988	1989	1988 to 1989
RETAIL TRADE	48,750	49,850	2.2%
Hardware & Garden	2,500	2,500	0.0%
General Merchandise	6,400	6,500	1.5%
Food Stores	6,800	7,100	4.2%
Auto & Service Stations	6,600	6,600	0.0%
Apparel & Accessory	2,600	2,600	0.0%
Furniture Stores	1,650	1,650	0.0%
Eating & Drinking Places	17,200	17,800	3.4%
Misc Retail	5,000	5,100	2.0%
FINANCE, INS & REAL ESTATE	12,300	12,200	-0.8%
Finance	6,600	6,550	-0.8%
Banking	5,600	5,600	0.0%
Other Finance	1,000	950	-5.3%
Insurance	3,900	3,850	-1.3%
Insurance Underwriters	2,500	2,500	0.0%
Ins. Agents & Brokers	1,400	1,350	-3.7%
Real Estate	1,800	1,800	0.0%
SERVICES	64,100	65,850	2.7%
Lodging	4,200	4,300	2.3%
Personal & Business	7,600	7,900	3.8%
Personal Services	3,100	3,200	3.1%
Business Services	4,500	4,700	4.3%
Recreational Services	2,600	2,500	-4.0%
Health Services	26,900	27,400	1.8%
Nursing & Hospital	19,700	20,000	1.5%
Other Health	7,200	7,400	2.7%
Membership Organizations	8,200	8,200	0.0%
Educational Services	2,700	2,800	3.6%
Social Services	5,100	5,600	8.9%
Other Services	6,800	7,150	4.9%
Auto & Misc Repair	2,100	2,200	4.5%
Legal Services	1,400	1,450	3.4%
Misc Services	3,300	3,500	5.7%
GOVERNMENT	64,600	65,600	1.5%
Federal	10,300	10,300	0.0%
State & Local	54,300	55,300	1.8%
State Government	19,200	19,700	2.5%
Educational Services	12,300	12,500	1.6%
Other State Government	6,900	7,200	4.2%
Local Government	35,100	35,600	1.4%
Educational Services	16,900	17,200	1.7%
Other Local Government	18,200	18,400	1.1%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT
ANNUAL AVERAGES

INDUSTRIES	ANNUAL AVERAGE 1988	ANNUAL AVERAGE 1989	% CHANGE FROM 1988 to 1989
FARGO-MOORHEAD MSA			
TOTAL	73,150	75,000	2.5%
GOODS PRODUCING	8,550	8,950	4.5%
MINING & CONSTRUCTION	3,450	3,650	5.5%
Special Trades	1,850	1,950	5.1%
Other Construction & Mining	1,600	1,700	5.9%
MANUFACTURING	5,100	5,300	3.8%
Durable Goods	2,300	2,550	9.8%
Fabricated Metal & Machinery	1,200	1,350	11.1%
Other Durable Goods	1,100	1,200	8.3%
Nondurable Goods	2,800	2,750	-1.8%
Food & Kindred	1,750	1,750	0.0%
Other Nondurables	1,050	1,000	-5.0%
SERVICES PRODUCING	64,600	66,050	2.2%
TRANS, COMM & UTILITIES	4,600	4,750	3.2%
Trucking & Warehousing	2,000	2,100	4.8%
Other Transportation	950	950	0.0%
Communications & Utilities	1,650	1,700	2.9%
WHOLESALE TRADE	6,600	6,800	2.9%
Durable	3,700	3,800	2.6%
Nondurable	2,900	3,000	3.3%
RETAIL TRADE	14,750	14,850	0.7%
General Merchandise & Apparel	2,800	2,900	3.4%
Food Stores	2,000	2,000	0.0%
Auto Dealers & Svc. Stations	1,650	1,650	0.0%
Eating & Drinking Places	5,400	5,600	3.6%
Other Retail	2,900	2,700	-7.4%
FINANCE, INS & REAL ESTATE	4,450	4,450	0.0%
Finance	1,900	2,000	5.0%
Insurance Carriers	1,550	1,450	-6.9%
Other Fin. Ins. & R.Estate	1,000	1,000	0.0%
SERVICES	20,050	20,950	4.3%
Lodging	1,300	1,350	3.7%
Personal & Business	3,200	3,500	8.6%
Recreation & Amusement	950	900	-5.6%
Health Services	7,600	7,700	1.3%
Educational Services	1,800	1,950	7.7%
Social Services	1,450	1,600	9.4%
Membership Services	1,450	1,450	0.0%
Other Services	2,300	2,500	8.0%
GOVERNMENT	14,150	14,250	0.7%
Federal	2,200	2,200	0.0%
State	5,850	5,850	0.0%
State School	5,300	5,300	0.0%
Other State	550	550	0.0%
Local	6,100	6,200	1.6%
Local School	3,500	3,600	2.8%
Other Local	2,600	2,600	0.0%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT
ANNUAL AVERAGES

INDUSTRIES	ANNUAL AVERAGE 1988	ANNUAL AVERAGE 1989	% CHANGE FROM 1988 to 1989
GRAND FORKS MSA			
TOTAL	30,300	31,000	2.3%
GOODS PRODUCING	3,050	3,000	-1.7%
MINING & CONSTRUCTION	1,350	1,400	3.6%
MANUFACTURING	1,700	1,600	-6.3%
Durable Goods	450	550	18.2%
Nondurable Goods	1,250	1,050	-19.0%
SERVICES PRODUCING	27,250	28,000	2.7%
TRANS, COMM. & UTILITIES	1,650	1,650	0.0%
Transportation	1,050	1,000	-5.0%
Communications & Utilities	600	650	7.7%
WHOLESALE TRADE	1,500	1,550	3.2%
RETAIL TRADE	7,050	7,350	4.1%
General Merchandise & Apparel	1,850	1,850	0.0%
Eating & Drinking Places	2,500	2,700	7.4%
Other Retail	2,700	2,800	3.6%
FINANCE, INS. & REAL ESTATE	1,150	1,150	0.0%
SERVICES	6,800	7,000	2.9%
Personal & Business	900	900	0.0%
Health	2,700	2,800	3.6%
Other Services	3,200	3,300	3.0%
GOVERNMENT	9,100	9,300	2.2%
Federal	1,500	1,500	0.0%
State	5,150	5,400	4.6%
State School	4,700	4,900	4.1%
Other State	450	500	10.0%
Local	2,450	2,400	-2.1%
Local School	1,300	1,250	-4.0%
Other Local	1,150	1,150	0.0%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT
ANNUAL AVERAGES

INDUSTRIES	ANNUAL AVERAGE 1988	ANNUAL AVERAGE 1989	% CHANGE FROM 1988 to 1989
BISMARCK MSA			
TOTAL	37,500	38,850	3.5%
GOODS PRODUCING	3,700	3,850	3.9%
MINING & CONSTRUCTION	1,650	1,650	0.0%
MANUFACTURING	2,050	2,200	6.8%
Durable Goods	800	900	11.1%
Nondurable Goods	1,250	1,300	3.8%
SERVICES PRODUCING	33,800	35,000	3.4%
TRANS, COMM. & UTILITIES	2,650	2,750	3.6%
Transportation	1,050	1,150	8.7%
Communications & Utilities	1,600	1,600	0.0%
WHOLESALE TRADE	2,200	2,300	4.3%
RETAIL TRADE	7,750	8,000	3.1%
General Merchandise & Apparel	1,700	1,700	0.0%
Food Stores	900	1,000	10.0%
Auto Dealers & Svc. Stations	1,150	1,150	0.0%
Eating & Drinking Places	2,500	2,600	3.8%
Other Retail	1,500	1,550	3.2%
FINANCE, INS. & REAL ESTATE	1,600	1,[illegible]0	-3.2%
SERVICES	11,050	11,650	5.2%
Lodging	850	950	10.5%
Personal & Business	1,250	1,350	7.4%
Health Services	4,600	4,700	2.1%
Educational Services	650	700	7.1%
Social Services	950	1,100	13.6%
Membership Services	1,250	1,200	-4.2%
Other Services	1,500	1,650	9.1%
GOVERNMENT	8,550	8,750	2.3%
Federal	1,150	1,150	0.0%
State	3,900	4,000	2.5%
State Schools	300	300	0.0%
Other State	3,600	3,700	2.7%
Local	3,500	3,600	2.8%
Local Schools	1,900	1,950	2.6%
Other Local	1,600	1,650	3.0%

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LABOR FORCE
NORTH DAKOTA AND MSA'S
ANNUAL AVERAGES

	AVERAGE 1988	AVERAGE 1989	% CHANGE 1988 to 1989
NORTH DAKOTA			
Labor Force	332,000	331,000	-0.3%
Employment	316,000	317,000	0.3%
Unemployment	16,000	14,000	-14.3%
Unemployment Rate	4.8%	4.3%	xxx
FARGO-MOORHEAD MSA			
Labor Force	86,590	87,690	1.3%
Employment	84,070	85,280	1.4%
Unemployment	2,520	2,410	-4.6%
Unemployment Rate	2.9%	2.7%	xxx
GRAND FORKS MSA			
Labor Force	36,200	36,530	0.9%
Employment	34,730	35,180	1.3%
Unemployment	1,470	1,350	-8.9%
Unemployment Rate	4.1%	3.7%	xxx
BISMARCK MSA			
Labor Force	46,710	47,660	2.0%
Employment	44,470	45,690	2.7%
Unemployment	2,240	1,970	-13.7%
Unemployment Rate	4.8%	4.1%	xxx

NORTH DAKOTA
MANUFACTURING HOURS AND EARNINGS
ANNUAL AVERAGES

	Annual Average Weekly Earnings			Annual Average Weekly Hours			Annual Average Hourly Earnings		
INDUSTRY	1988	1989	% Change	1988	1989	% Change	1988	1989	% Change
MANUFACTURING	323.53	349.84	7.5%	38.7	39.8	2.8%	8.36	8.79	4.9%
Durable Goods	347.58	378.00	8.0%	40.7	42.0	3.1%	8.54	9.00	5.1%
Nondurable Goods	303.03	321.00	5.6%	37.0	37.5	1.3%	8.19	8.56	4.3%
Food & Kindred	318.30	332.80	4.4%	39.2	40.0	2.0%	8.12	8.32	2.4%

FARGO-MOORHEAD MSA
MANUFACTURING HOURS AND EARNINGS
ANNUAL AVERAGES

	Annual Average Weekly Earnings			Annual Average Weekly Hours			Annual Average Hourly Earnings		
INDUSTRY	1988	1989	% Change	1988	1989	% Change	1988	1989	% Change
MANUFACTURING	331.78	360.08	7.9%	38.4	39.7	3.3%	8.64	9.07	4.7%
Durable Goods	304.19	349.92	13.1%	38.8	40.5	4.2%	7.84	8.64	9.3%
Nondurable Goods	359.04	370.89	3.2%	38.4	39.0	1.5%	9.35	9.51	1.7%

LABOR FORCE - BY COUNTY - BY REGION
ANNUAL AVERAGES

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE	
	1988	1989	% Change	1988	1989	% Change	1988	1989	% Change	1988	1989
Divide	1,463	1,405	-4.1%	1,415	1,367	-3.5%	48	38	-26.3%	3.3%	2.7%
McKenzie	2,967	2,875	-3.2%	2,828	2,764	-2.3%	139	111	-25.2%	4.7%	3.9%
Williams	11,364	11,154	-1.9%	10,760	10,654	-1.0%	604	500	-20.8%	5.3%	4.5%
REGION 1	15,794	15,434	-2.3%	15,003	14,785	-1.5%	791	649	-21.9%	5.0%	4.2%
Bottineau	3,520	3,391	-3.8%	3,310	3,221	-2.8%	210	170	-23.5%	6.0%	5.0%
Burke	1,335	1,303	-2.5%	1,269	1,243	-2.1%	66	60	-10.0%	4.9%	4.6%
McHenry	2,655	2,591	-2.5%	2,331	2,313	-0.8%	324	278	-16.5%	12.2%	10.7%
Mountrail	3,293	3,310	0.5%	3,050	3,086	1.2%	243	224	-8.5%	7.4%	6.8%
Pierce	2,569	2,522	-1.9%	2,470	2,448	-0.9%	99	74	-33.8%	3.9%	2.9%
Renville	1,241	1,217	-2.0%	1,177	1,165	-1.0%	64	52	-23.1%	5.2%	4.3%
Ward	26,278	25,919	-1.4%	24,884	24,692	-0.8%	1,394	1,227	-13.6%	5.3%	4.7%
REGION 2	40,891	40,253	-1.6%	38,491	38,168	-0.8%	2,400	2,085	-15.1%	5.9%	5.2%
Benson	3,435	3,056	-12.4%	3,205	2,782	-15.2%	230	274	16.1%	6.7%	9.0%
Cavalier	2,680	2,637	-1.6%	2,516	2,487	-1.2%	164	150	-9.3%	6.1%	5.7%
Eddy	1,452	1,443	-0.6%	1,329	1,346	1.3%	123	97	-26.8%	8.5%	6.7%
Ramsey	6,600	6,690	1.3%	6,302	6,446	2.2%	298	244	-22.1%	4.5%	3.6%
Rolette	4,783	4,629	-3.3%	3,875	3,964	2.2%	908	665	-36.5%	19.0%	14.4%
Towner	1,772	1,754	-1.0%	1,718	1,704	-0.8%	54	50	-8.0%	3.0%	2.9%
REGION 3	20,722	20,209	-2.5%	18,945	18,729	-1.2%	1,777	1,480	-20.1%	8.6%	7.3%
Grand Forks	36,194	36,531	0.9%	34,726	35,181	1.3%	1,468	1,350	-8.7%	4.1%	3.7%
Nelson	1,957	1,925	-1.7%	1,843	1,837	-0.3%	114	88	-29.5%	5.8%	4.6%
Pembina	5,440	5,443	0.1%	4,950	4,983	0.7%	490	460	-6.5%	9.0%	8.5%
Walsh	8,081	7,773	-4.0%	7,681	7,390	-3.9%	400	383	-4.4%	4.9%	4.9%
REGION 4	51,672	51,672	0.0%	49,200	49,391	0.4%	2,472	2,281	-8.4%	4.8%	4.4%
Cass	61,499	62,424	1.5%	59,912	61,026	1.8%	1,587	1,398	-13.5%	2.6%	2.2%
Ransom	2,750	2,715	-1.3%	2,648	2,642	-0.2%	102	73	-39.7%	3.7%	2.7%
Richland	8,825	8,653	-2.0%	8,430	8,319	-1.3%	395	334	-18.3%	4.5%	3.9%
Sargent	2,660	2,690	1.1%	2,592	2,624	1.2%	68	66	-3.0%	2.6%	2.5%
Steele	1,141	1,131	-0.9%	1,102	1,076	-2.4%	39	55	29.1%	3.4%	4.9%
Traill	4,458	4,405	-1.2%	4,276	4,243	-0.8%	182	162	-12.3%	4.1%	3.7%
REGION 5	81,333	82,018	0.8%	78,960	79,930	1.2%	2,373	2,088	-13.6%	2.9%	2.5%

LABOR FORCE - BY COUNTY - BY REGION
ANNUAL AVERAGES

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE	
	1988	1989	% Change	1988	1989	% Change	1988	1989	% Change	1988	1989
Barnes	5,851	5,832	-0.3%	5,588	5,615	0.5%	263	217	-21.2%	4.5%	3.7%
Dickey	3,168	3,100	-2.2%	3,034	3,020	-0.5%	134	80	-67.5%	4.2%	2.6%
Foster	2,151	2,203	2.4%	2,056	2,119	3.0%	95	84	-13.1%	4.4%	3.8%
Griggs	1,560	1,581	1.3%	1,504	1,523	1.2%	56	58	3.4%	3.6%	3.7%
La Moure	2,369	2,314	-2.4%	2,269	2,231	-1.7%	100	83	-20.5%	4.2%	3.6%
Logan	1,462	1,469	0.5%	1,422	1,429	0.5%	40	40	0.0%	2.7%	2.7%
McIntosh	2,242	2,233	-0.4%	2,194	2,191	-0.1%	48	42	-14.3%	2.1%	1.9%
Stutsman	12,113	11,964	-1.2%	11,619	11,534	-0.7%	494	430	-14.9%	4.1%	3.6%
Wells	2,874	2,822	-1.8%	2,675	2,640	-1.3%	199	182	-9.3%	6.9%	6.4%
REGION 6	33,790	33,518	-0.8%	32,361	32,302	-0.2%	1,429	1,216	-17.5%	4.2%	3.6%
Burleigh	34,007	34,834	2.4%	32,499	33,524	3.1%	1,508	1,310	-15.1%	4.4%	3.8%
Emmons	2,198	2,190	-0.4%	2,080	2,089	0.4%	118	101	-16.8%	5.4%	4.6%
Grant	1,860	1,847	-0.7%	1,776	1,767	-0.5%	84	80	-5.0%	4.5%	4.3%
Kidder	1,535	1,541	0.4%	1,425	1,425	0.0%	110	116	5.2%	7.2%	7.5%
McLean	4,530	4,437	-2.1%	4,232	4,175	-1.4%	298	262	-13.7%	6.6%	5.9%
Mercer	5,793	5,671	-2.2%	5,395	5,322	-1.4%	398	349	-14.0%	6.9%	6.2%
Morton	12,705	12,814	0.9%	11,970	12,160	1.6%	735	654	-12.4%	5.8%	5.1%
Oliver	1,129	1,067	-5.8%	1,053	1,004	-4.9%	76	63	-20.6%	6.7%	5.9%
Sheridan	1,181	1,178	-0.3%	1,108	1,114	0.5%	73	64	-14.1%	6.2%	5.4%
Sioux	1,204	1,206	0.2%	984	985	0.1%	220	221	0.5%	18.3%	18.3%
REGION 7	66,142	66,785	1.0%	62,522	63,565	1.6%	3,620	3,220	-12.4%	5.5%	4.8%
Adams	1,690	1,677	-0.8%	1,646	1,638	-0.5%	44	39	-12.8%	2.6%	2.3%
Billings	878	803	-9.3%	846	770	-9.9%	32	33	3.0%	3.6%	4.1%
Bowman	2,171	2,144	-1.3%	2,086	2,081	-0.2%	85	63	-34.9%	3.9%	2.9%
Dunn	1,692	1,732	2.3%	1,526	1,602	4.7%	166	130	-27.7%	9.8%	7.5%
Gldn Valley	1,051	1,044	-0.7%	1,017	1,015	-0.2%	34	29	-17.2%	3.2%	2.8%
Hettinger	1,840	1,787	-3.0%	1,742	1,714	-1.6%	98	73	-34.2%	5.3%	4.1%
Slope	476	458	-3.9%	439	422	-4.0%	37	36	-2.8%	7.8%	7.9%
Stark	11,858	11,468	-3.4%	11,216	10,888	-3.0%	642	580	-10.7%	5.4%	5.1%
REGION 8	21,656	21,113	-2.6%	20,518	20,130	-1.9%	1,138	983	-15.8%	5.3%	4.7%
STATE TOTALS	332,000	331,000	-0.3%	316,000	317,000	0.3%	16,000	14,000	-14.3%	4.8%	4.3%

DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

FARGO
1350 32nd Street South
Phone: 237-7113

JAMESTOWN
429 2nd Street Southwest
Phone: 251-2256

BEULAH
119 East Main
Phone: 873-5607

DEVILS LAKE
301 South College Drive
Phone: 662- 2181

GRAND FORKS
2016 South Washington
Phone: 777-3711

MANDAN
501 1st Street Northwest
Phone: 663-6461

ROLLA
103 East Main
Phone: 477-5631

UND - GRAND FORKS
McCannel Hall - Room 141
Phone: 777-3904

DICKINSON
66 Osborn Drive
Phone: 227-2361

GRAFTON
728 Hill Avenue South
Phone: 352-2202

MINOT
3416 North Broadway
Phone: 852-2164

NDSU - FARGO
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

VALLEY CITY
2425 West Main
Phone: 845-7261

WAHPETON
524 2nd Avenue North
Phone: 671-2711

WILLISTON
422 1st Avenue West
Phone: 572-7771

NEW TOWN
Tribal Administration Building
Phone: 627-4390

Job Service North Dakota
Research and Statistics
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JOB
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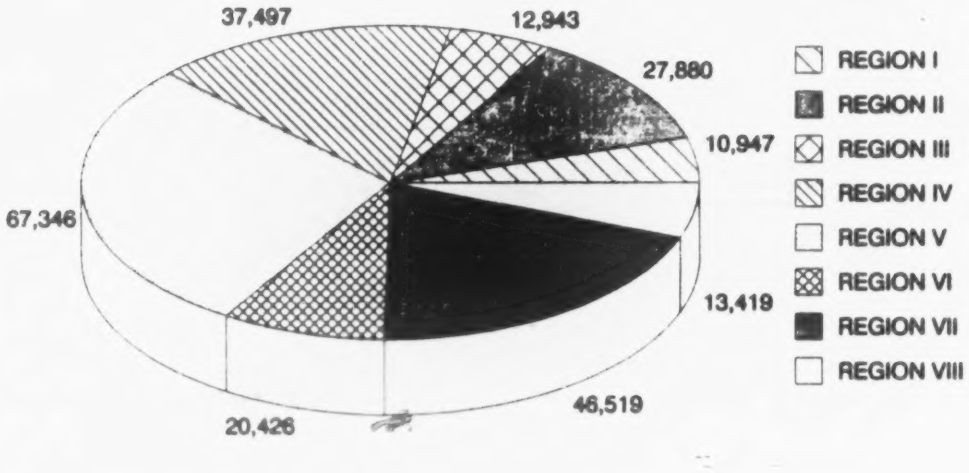
North Dakota

March, 1990

Volume 6, Number 3

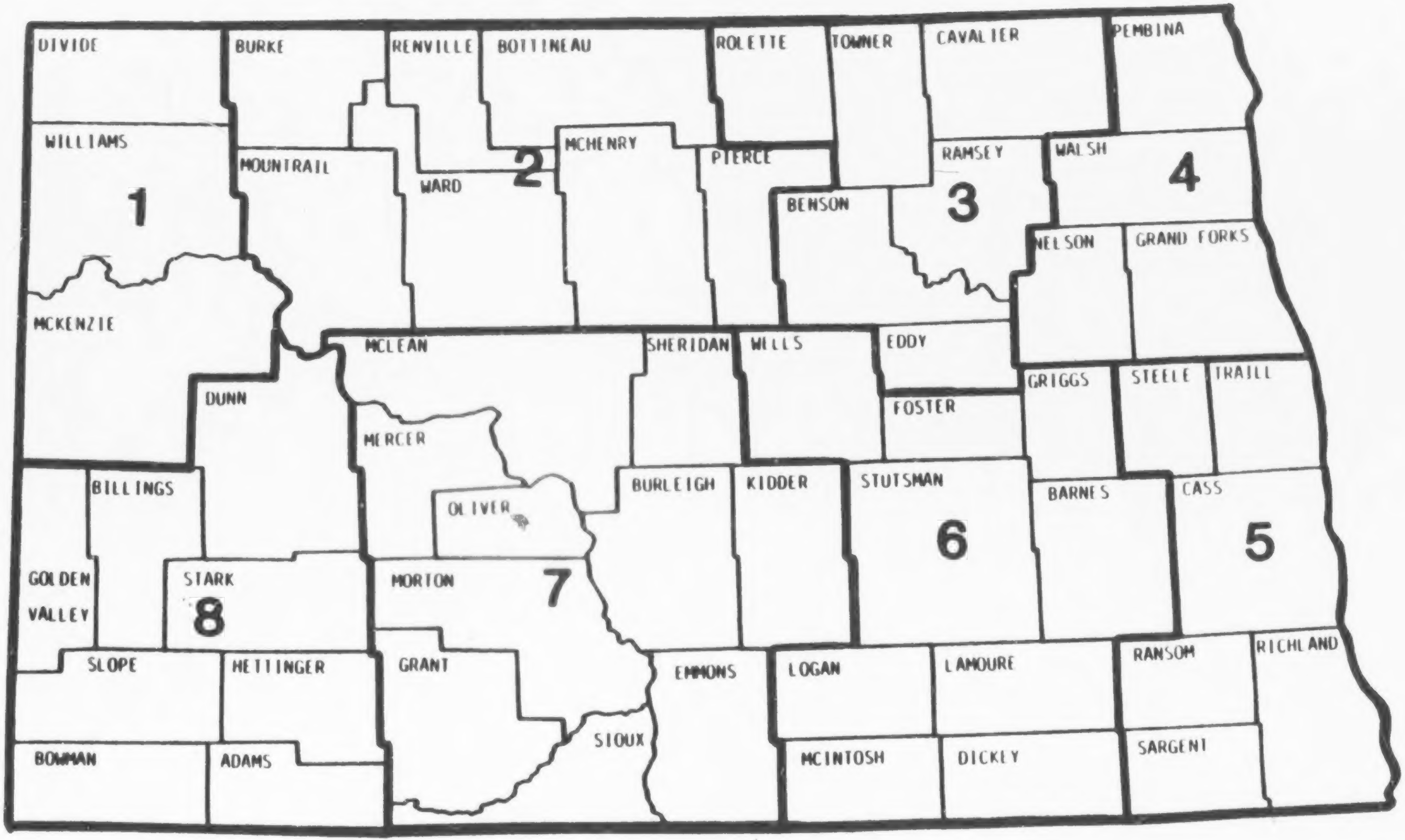
The
North Dakota
Labor Market Advisor

ANNUAL AVERAGE COVERED EMPLOYMENT BY REGION
1988



NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.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THE
NORTH DAKOTA
LABOR MARKET ADVISOR

March, 1990

GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

Micheal V. Deisz
Executive Director

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Chief (701) 224-2868

A STUDY OF JOB INSURANCE COVERED EMPLOYMENT AND WAGES IN 1988

The publication North Dakota Employment and Wages was recently produced by the Research and Statistics Section of Job Service North Dakota. The wage information contained in it was derived and summarized from the unemployment contribution reports. These quarterly reports are filed by employers with Job Service North Dakota. While they do not cover all workers in the state, they account for 75% of the employed workers. Farm workers and nonfarm self-employed and unpaid family workers make up the majority of individuals not covered under the unemployment insurance program.

Employment

The statewide tables show covered employment increased by 4,047 over the year and averaged 237,436 in 1988. Although seven of the ten industries recorded gains, one stood out above all others: services, which added over 2,600 workers. Trailing a distant second was retail trade with less than 700. It was no surprise to find the area of growth in the services industry was in health care. As the population ages and medical technology advances, the need for facilities and staff to provide service and care has increased. In 1988, nursing home employment (+236), clinics (+219) and hospitals (+157) accounted for most of the gain in medical services.

The western part of the state, the Williston and Dickinson regions, suffered severe losses in employment due to the decline in the oil industry. Williston region employment dropped by 2,351 between 1985 and 1986 and by 1,076 the following year. The Dickinson region also experienced declines in those years of 903 and 254 respectively. The trend reversed and increases were recorded between 1987 and 1988 with gains of 154 in the Williston region and 141 in the Dickinson region. It is too early to tell whether employment "bottomed-out" in 1987. It will be interesting to observe these regions in the next two to three years.

Employment in the Minot region declined slightly between 1985 and 1986 (-142), but recorded gains in the two most recent years. The changes in the Bismarck region are more noticeable with a drop of 1,228 between 1985 and 1986. Mercer County, and to a lesser extent, McLean County absorbed most of the loss due to the completion of energy conversion facilities in the area. Declines were not limited to the construction industry. Although this accounted for half of the decrease in Mercer County, accompanying drops also occurred in other industries. Mining dropped by 130, transportation, communications and utilities by 161, retail trade 93, and services 123. These declines illustrate the ripple effect in other industries as a project is completed and workers become unemployed or leave the area.

Wages

Declines of $1,076 in the Williston region and $178 in the Dickinson region were the only negative changes in annual average wages during the past three years. These declines occurred between 1985 and 1986. The major contributing factor was a drop in the number of employed workers in the mining industry in the Williston region. Workers in this industry had the highest earnings - - $24,537 in 1985. The

reduced employment had a depressing effect on the average for the entire region in 1986. Although employment in mining declined by nearly 1,500 in the region between 1985 and 1986, the annual average wage increased slightly to $24,968. Minor declines followed in both 1987 and 1988.

While the western half of the state was suffering economic woes, the eastern part, noticeably the Grand Forks and Fargo regions, continued to show growth. Employment in the Fargo area increased by 1,605 between 1985 and 1986 and added 2,093 and 2,068 in the following two years. The two leading industries, as expected, were services and retail trade. Growth in the services industry alone accounted for nearly one-half of the total increase in 1988.

The Grand Forks region recorded increases in all three years with gains of 639, 1081, and 515. The inconsistent growth was evident in the industry detail as government added 240 in 1986. Manufacturing, wholesale trade, and services accounted for the bulk of the gain in 1987. In 1988, wholesale trade and services continued to add workers.

Benefit Payments

Benefit payments to claimants totaled over $28 million in 1988. This was down from $44 million and $48 million respectively in 1985 and 1986. During this period, activity in the oil fields declined and many workers were drawing unemployment benefits. The greatest amount of benefit payments made in 1988 was to claimants residing in Cass, Burleigh, Grand Forks and Ward counties. Payments in these counties ranged from $2.8 million to $3.3 million in 1988.

The average weekly benefit amount decreased from $141.70 per week in 1987 to $131.47 in 1988. This decline was due primarily to legislative action that dropped the maximum weekly benefit amount from $197 to $179 per week. Another contributing factor was the reduction of the minimum weekly benefit amount from $60 to $43. These actions caused the average weekly benefit amount to decrease by $10.23.

We've touched on a few highlights found in the 1988 edition of North Dakota Employment and Wages. If you are interested in receiving a copy, contact the Research and Statistics Section at the address or telephone number listed on the title page.

Dale R. Dehlin
Research Analyst

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	March 1990	February 1990	February 1990	March 1989	March 1989
TOTAL	260,200	258,250	0.8%	253,800	2.5%
GOODS PRODUCING	28,550	27,750	2.9%	27,050	5.5%
MINING	3,750	3,600	4.2%	3,700	1.4%
Coal	1,050	1,050	0.0%	1,100	-4.5%
Crude Petroleum & Nat. Gas	2,500	2,400	4.2%	2,400	4.2%
Other Mining	200	150	33.3%	200	0.0%
CONSTRUCTION	7,500	7,150	4.9%	7,050	6.4%
Building Construction	2,100	2,100	0.0%	1,950	7.7%
Street, Highway & Heavy	1,200	1,050	14.3%	1,200	0.0%
Special Trade Construction	4,200	4,000	5.0%	3,900	7.7%
MANUFACTURING	17,300	17,000	1.8%	16,300	6.1%
Durable Goods	8,800	8,600	2.3%	7,700	14.3%
Primary & Fab. Metals	1,150	1,100	4.5%	1,000	15.0%
Machinery & Trans. Equip	5,500	5,450	0.9%	4,800	14.6%
Machinery & Electric	3,900	3,900	0.0%	3,400	14.7%
Transportation Equipment	1,600	1,550	3.2%	1,400	14.3%
Other Durables	2,150	2,050	4.9%	1,900	13.2%
Lumber & Wood	1,150	1,100	4.5%	1,000	15.0%
Misc Durable	1,000	950	5.3%	900	11.1%
Nondurable Goods	8,500	8,400	1.2%	8,600	-1.2%
Food & Kindred Products	4,500	4,450	1.1%	4,500	0.0%
Dairy Products	650	650	0.0%	700	-7.1%
Bakery Products	850	850	0.0%	800	6.3%
Sugar & Confectionary	1,000	1,000	0.0%	900	11.1%
Other Foods	2,000	1,950	2.6%	2,100	-4.8%
Printing & Publishing	2,600	2,600	0.0%	2,500	4.0%
Other Nondurable Goods	1,400	1,350	3.7%	1,600	-12.5%
SERVICES PRODUCING	231,650	230,500	0.5%	226,750	2.2%
TRAN, COMM & UTILITIES	16,950	17,000	-0.3%	16,650	1.8%
Transportation	8,550	8,700	-1.7%	8,650	-1.2%
Trucking & Warehousing	4,800	4,900	-2.0%	4,900	-2.0%
Other Transportation	3,750	3,800	-1.3%	3,750	0.0%
Railroads	1,800	1,800	0.0%	1,800	0.0%
Local & Suburban Transport	900	950	-5.3%	950	-5.3%
Water, Air & Pipeline	1,050	1,050	0.0%	1,000	5.0%
Communications	3,600	3,600	0.0%	3,400	5.9%
Utilities	4,800	4,700	2.1%	4,600	4.3%
WHOLESALE TRADE	19,100	19,000	0.5%	19,000	0.5%
Durable Goods	8,900	8,800	1.1%	8,700	2.3%
Nondurable Goods	10,200	10,200	0.0%	10,300	-1.0%

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH March 1990	PREVIOUS MONTH February 1990	% CHANGE FROM February 1990	ONE YEAR AGO March 1989	% CHANGE FROM March 1989
RETAIL TRADE	49,250	48,750	1.0%	47,900	2.8%
Hardware & Garden	2,100	2,100	0.0%	2,300	-8.7%
General Merchandise	6,300	6,400	-1.6%	6,300	0.0%
Food Stores	7,000	7,000	0.0%	6,700	4.5%
Auto & Service Stations	6,800	6,700	1.5%	6,400	6.3%
Apparel & Accessory	2,700	2,600	3.8%	2,600	3.8%
Furniture Stores	1,650	1,650	0.0%	1,600	3.1%
Eating & Drinking Places	17,400	17,000	2.4%	17,000	2.4%
Misc Retail	5,300	5,300	0.0%	5,000	6.0%
FINANCE, INS & REAL ESTATE	12,400	12,400	0.0%	12,100	2.5%
Finance	6,700	6,700	0.0%	6,550	2.3%
Banking	5,700	5,700	0.0%	5,600	1.8%
Other Finance	1,000	1,000	0.0%	950	5.3%
Insurance	3,900	3,900	0.0%	3,850	1.3%
Insurance Underwriters	2,500	2,500	0.0%	2,500	0.0%
Ins. Agents & Brokers	1,400	1,400	0.0%	1,350	3.7%
Real Estate	1,800	1,800	0.0%	1,700	5.9%
SERVICES	67,450	66,750	1.0%	64,600	4.4%
Lodging	4,300	4,200	2.4%	4,200	2.4%
Personal & Business	8,200	8,200	0.0%	7,600	7.9%
Personal Services	3,300	3,300	0.0%	3,200	3.1%
Business Services	4,900	4,900	0.0%	4,400	11.4%
Recreational Services	2,200	2,000	10.0%	2,300	-4.3%
Health Services	28,000	27,700	1.1%	27,300	2.6%
Nursing & Hospital	20,400	20,200	1.0%	20,000	2.0%
Other Health	7,600	7,500	1.3%	7,300	4.1%
Membership Organizations	8,200	8,200	0.0%	8,100	1.2%
Educational Services	2,900	3,000	-3.3%	2,900	0.0%
Social Services	6,400	6,300	1.6%	5,500	16.4%
Other Services	7,250	7,150	1.4%	6,700	8.2%
Auto & Misc Repair	2,300	2,200	4.5%	2,100	9.5%
Legal Services	1,450	1,450	0.0%	1,400	3.6%
Misc Services	3,500	3,500	0.0%	3,200	9.4%
GOVERNMENT	66,500	66,600	-0.2%	66,500	0.0%
Federal	10,100	10,200	-1.0%	10,300	-1.9%
State & Local	56,400	56,400	0.0%	56,200	0.4%
State Government	20,300	20,300	0.0%	20,300	0.0%
Educational Services	13,400	13,500	-0.7%	13,300	0.8%
Other State Government	6,900	6,800	1.5%	7,000	-1.4%
Local Government	36,100	36,100	0.0%	35,900	0.6%
Educational Services	18,700	18,600	0.5%	18,400	1.6%
Other Local Government	17,400	17,500	-0.6%	17,500	-0.6%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH March 1990	PREVIOUS MONTH February 1990	% CHANGE FROM February 1990	ONE YEAR AGO March 1989	% CHANGE FROM March 1989
FARGO-MOORHEAD MSA					
TOTAL	75,900	75,700	0.3%	73,400	3.4%
GOODS PRODUCING	8,550	8,400	1.8%	7,650	11.8%
MINING & CONSTRUCTION	3,000	3,000	0.0%	2,550	17.6%
Special Trades	1,750	1,750	0.0%	1,500	16.7%
Other Construction & Mining	1,250	1,250	0.0%	1,050	19.0%
MANUFACTURING	5,550	5,400	2.8%	5,100	8.8%
Durable Goods	2,700	2,550	5.9%	2,350	14.9%
Fabricated Metal & Machinery	1,450	1,450	0.0%	1,250	16.0%
Other Durable Goods	1,250	1,100	13.6%	1,100	13.6%
Nondurable Goods	2,850	2,850	0.0%	2,750	3.6%
Food & Kindred	1,800	1,800	0.0%	1,750	2.9%
Other Nondurables	1,050	1,050	0.0%	1,000	5.0%
SERVICES PRODUCING	67,350	67,300	0.1%	65,750	2.4%
TRANS, COMM & UTIL	4,600	4,650	-1.1%	4,650	-1.1%
Trucking & Warehousing	950	1,000	-5.0%	950	0.0%
Other Transportation	2,000	2,000	0.0%	1,950	2.6%
Communications & Utilities	1,650	1,650	0.0%	1,750	-5.7%
WHOLESALE TRADE	6,500	6,400	1.6%	6,600	-1.5%
Durable	3,800	3,700	2.7%	3,700	2.7%
Nondurable	2,700	2,700	0.0%	2,900	-6.9%
RETAIL TRADE	14,700	14,600	0.7%	14,400	2.1%
General Merchandise & Apparel	2,900	3,000	-3.3%	2,800	3.6%
Food Stores	1,750	1,750	0.0%	1,900	-7.9%
Auto Dealers & Svc. Stations	1,850	1,850	0.0%	1,600	15.6%
Eating & Drinking Places	5,600	5,500	1.8%	5,400	3.7%
Other Retail	2,600	2,500	4.0%	2,700	-3.7%
FINANCE, INS & R E	4,550	4,550	0.0%	4,400	3.4%
Finance	2,100	2,100	0.0%	1,950	7.7%
Insurance Carriers	1,450	1,450	0.0%	1,450	0.0%
Other Fin, Ins. & R.Estate	1,000	1,000	0.0%	1,000	0.0%
SERVICES	21,750	21,750	0.0%	20,700	5.1%
Lodging	1,350	1,350	0.0%	1,350	0.0%
Personal & Business	3,500	3,500	0.0%	3,400	2.9%
Recreation & Amusement	800	800	0.0%	850	-5.9%
Health Services	7,900	7,900	0.0%	7,600	3.9%
Educational Services	2,300	2,300	0.0%	2,200	4.5%
Social Services	1,700	1,700	0.0%	1,550	9.7%
Membership Services	1,500	1,500	0.0%	1,450	3.4%
Other Services	2,700	2,700	0.0%	2,300	17.4%
GOVERNMENT	15,250	15,350	-0.7%	15,000	1.7%
Federal	2,300	2,300	0.0%	2,200	4.5%
State	6,350	6,350	0.0%	6,400	-0.8%
State School	5,800	5,800	0.0%	5,900	-1.7%
Other State	550	550	0.0%	500	10.0%
Local	6,600	6,700	-1.5%	6,400	3.1%
Local School	4,000	4,000	0.0%	3,900	2.6%
Other Local	2,600	2,700	-3.7%	2,500	4.0%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	March 1990	February 1990	February 1990	March 1989	March 1989
GRAND FORKS MSA					
TOTAL	31,750	31,450	1.0%	30,850	2.9%
GOODS PRODUCING	2,500	2,550	-2.0%	2,700	-7.4%
MINING & CONSTRUCTION	950	1,000	-5.0%	1,000	-5.0%
MANUFACTURING	1,550	1,550	0.0%	1,700	-8.8%
Durable Goods	550	550	0.0%	550	0.0%
Nondurable Goods	1,000	1,000	0.0%	1,150	-13.0%
SERVICES PRODUCING	29,250	28,900	1.2%	28,150	3.9%
TRANS, COMM. & UTIL.	1,650	1,650	0.0%	1,600	3.1%
Transportation	1,000	1,000	0.0%	1,000	0.0%
Communications & Utilities	650	650	0.0%	600	8.3%
WHOLESALE TRADE	1,650	1,650	0.0%	1,500	10.0%
RETAIL TRADE	7,650	7,450	2.7%	7,100	7.7%
General Merchandise & Apparel	1,850	1,850	0.0%	1,800	2.8%
Eating & Drinking Places	2,900	2,800	3.6%	2,600	11.5%
Other Retail	2,900	2,800	3.6%	2,700	7.4%
FINANCE, INS. & R E	1,200	1,150	4.3%	1,100	9.1%
SERVICES	7,000	7,000	0.0%	7,000	0.0%
Personal & Business	900	900	0.0%	900	0.0%
Health	2,800	2,800	0.0%	2,900	-3.4%
Other Services	3,300	3,300	0.0%	3,200	3.1%
GOVERNMENT	10,100	10,000	1.0%	9,850	2.5%
Federal	1,550	1,600	-3.1%	1,500	3.3%
State	5,950	5,850	1.7%	5,850	1.7%
State School	5,500	5,400	1.9%	5,400	1.9%
Other State	450	450	0.0%	450	0.0%
Local	2,600	2,550	2.0%	2,500	4.0%
Local School	1,400	1,350	3.7%	1,400	0.0%
Other Local	1,200	1,200	0.0%	1,100	9.1%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH March 1990	PREVIOUS MONTH February 1990	% CHANGE FROM February 1990	ONE YEAR AGO March 1989	% CHANGE FROM March 1989
BISMARCK MSA					
TOTAL	38,950	38,500	1.2%	37,850	2.9%
GOODS PRODUCING	3,650	3,500	4.3%	3,300	10.6%
MINING & CONSTRUCTION	1,400	1,300	7.7%	1,300	7.7%
MANUFACTURING	2,250	2,200	2.3%	2,000	12.5%
Durable Goods	950	900	5.6%	800	18.8%
Nondurable Goods	1,300	1,300	0.0%	1,200	8.3%
SERVICES PRODUCING	35,300	35,000	0.9%	34,550	2.2%
TRANS, COMM. & UTIL.	2,950	2,900	1.7%	2,650	11.3%
Transportation	1,200	1,200	0.0%	1,100	9.1%
Communications & Utilities	1,750	1,700	2.9%	1,550	12.9%
WHOLESALE TRADE	2,300	2,300	0.0%	2,200	4.5%
RETAIL TRADE	7,850	7,750	1.3%	7,750	1.3%
General Merchandise & Apparel	1,650	1,650	0.0%	1,650	0.0%
Food Stores	1,050	1,050	0.0%	1,000	5.0%
Auto Dealers & Svc. Stations	1,000	1,000	0.0%	1,100	-9.1%
Eating & Drinking Places	2,600	2,500	4.0%	2,500	4.0%
Other Retail	1,550	1,550	0.0%	1,500	3.3%
FINANCE, INS. & R E	1,500	1,500	0.0%	1,550	-3.2%
SERVICES	11,850	11,750	0.9%	11,400	3.9%
Lodging	900	950	-5.3%	900	0.0%
Personal & Business	1,400	1,400	0.0%	1,300	7.7%
Health Services	4,900	4,800	2.1%	4,700	4.3%
Educational Services	850	850	0.0%	800	6.3%
Social Services	1,100	1,100	0.0%	1,000	10.0%
Membership Services	1,100	1,050	4.8%	1,200	-8.3%
Other Services	1,600	1,600	0.0%	1,500	6.7%
GOVERNMENT	8,850	8,800	0.6%	9,000	-1.7%
Federal	1,150	1,150	0.0%	1,150	0.0%
State	3,950	3,950	0.0%	4,150	-4.8%
State Schools	350	350	0.0%	350	0.0%
Other State	3,600	3,600	0.0%	3,800	-5.3%
Local	3,750	3,700	1.4%	3,700	1.4%
Local Schools	2,100	2,100	0.0%	2,100	0.0%
Other Local	1,650	1,600	3.1%	1,600	3.1%

LABOR FORCE

NORTH DAKOTA AND MSA'S

	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	March 1990	February 1990	February 1990	March 1989	March 1989
UNITED STATES					
(In Thousands)					
Labor Force	126,498	126,307	0.2%	124,929	1.3%
Employment	120,003	119,713	0.2%	118,731	1.1%
Unemployment	6,495	6,594	-1.5%	6,198	4.8%
Unemployment Rate	5.1%	5.2%	xxx	5.0%	xxx
NORTH DAKOTA					
Labor Force	321,930	318,640	1.0%	323,250	-0.4%
Employment	305,470	303,150	0.8%	307,810	-0.8%
Unemployment	16,460	15,490	6.3%	15,440	6.6%
Unemployment Rate	5.1%	4.9%	xxx	4.8%	xxx
FARGO-MOORHEAD MSA					
Labor Force	87,190	87,150	0.0%	86,600	0.7%
Emplovment	84,180	84,270	-0.1%	83,700	0.6%
Unemployment	3,010	2,880	4.5%	2,900	3.8%
Unemployment Rate	3.4%	3.3%	xxx	3.3%	xxx
GRAND FORKS MSA					
Labor Force	35,980	35,920	0.2%	36,030	-0.1%
Employment	34,610	34,640	-0.1%	34,810	-0.6%
Unemployment	1,370	1,280	7.0%	1,220	12.3%
Unemployment Rate	3.8%	3.6%	xxx	3.4%	xxx
BISMARCK MSA					
Labor Force	46,630	46,180	1.0%	46,550	0.2%
Employment	44,260	43,870	0.9%	44,520	-0.6%
Unemployment	2,370	2,310	2.6%	2,030	16.7%
Unemployment Rate	5.1%	5.0%	xxx	4.4%	xxx

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.
The Bismarck MSA includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
February 1990

	NORTH DAKOTA	MINNESOTA	SOUTH DAKOTA	MONTANA
Labor Force	318.7	2,352.0	353.6	407.0
Employment	303.2	2,242.3	339.5	382.9
Unemployment	15.5	109.7	14.1	24.1
Unemployment Rate	4.9%	4.7%	4.0%	5.9%

UNITED STATES

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1990	February 1990	March 1989	March 1990	February 1990	March 1989	March 1990	February 1990	March 1989
MANUFACTURING	435.64	430.66	426.81	40.6	40.4	41.0	10.73	10.66	10.41
Durable Goods	464.21	457.97	455.78	41.3	41.0	41.7	11.24	11.17	10.93
Nondurable Goods	397.79	394.02	385.43	39.7	39.6	39.9	10.02	9.95	9.66

NORTH DAKOTA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1990	February 1990	March 1989	March 1990	February 1990	March 1989	March 1990	February 1990	March 1989
MANUFACTURING	338.57	351.04	328.80	38.3	39.8	38.1	8.84	8.82	8.63
Durable Goods	360.40	373.01	361.62	40.0	41.4	41.0	9.01	9.01	8.82
Nondurable Goods	313.77	324.80	297.23	36.4	37.9	35.3	8.62	8.57	8.42
Food & Kindred	323.59	338.12	298.57	38.8	40.3	36.5	8.34	8.39	8.18

FARGO-MOORHEAD MSA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1990	February 1990	March 1989	March 1990	February 1990	March 1989	March 1990	February 1990	March 1989
MANUFACTURING	320.76	338.80	341.56	36.7	38.5	37.7	8.74	8.80	9.06
Durable Goods	292.74	319.99	320.93	35.7	38.6	38.9	8.20	8.29	8.25
Nondurable Goods	350.78	357.12	359.89	37.8	38.4	36.5	9.28	9.30	9.86

U. S. CONSUMER PRICE INDEX

ALL URBAN CONSUMERS

(1982-84=100)

ITEM	ANNUAL AVERAGE 1989	March 1990	February 1990	Percent Change From February 1990	March 1989	Percent Change From March 1989
All Items	124.0	128.7	128.0	0.5%	122.3	5.2%
Food & Beverage	124.9	131.2	130.9	0.2%	123.3	6.4%
Housing	123.0	126.8	126.1	0.6%	121.5	4.4%
Apparel & Upkeep	118.6	125.4	120.4	4.2%	119.3	5.1%
Transportation	114.1	116.8	117.1	-0.3%	111.9	4.4%
Medical Care	149.3	158.7	157.5	0.8%	146.1	8.6%
Entertainment	126.5	130.9	130.4	0.4%	124.7	5.0%
All Other	147.7	155.2	154.7	0.3%	144.4	7.5%

PRODUCER PRICE INDEX

UNITED STATES AVERAGE

ITEM	ANNUAL AVERAGE 1989	March 1990	February 1990	Percent Change From February 1990	March 1989	Percent Change From March 1989
All Commodities	112.2	114.2	114.4	-0.2%	111.5	2.4%
Farm Products & Processed Foods and Feeds	115.3	118.7	118.5	0.2%	116.1	2.2%
Industrial Commodities	111.6	113.2	113.6	-0.4%	110.5	2.4%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	MAR'90	FEB'90	MAR'89	MAR'90	FEB'90	MAR'89	MAR'90	FEB'90	MAR'89	MAR'90	FEB'90	MAR'89
Divide	1,305	1,285	1,352	1,281	1,257	1,290	24	28	62	1.8%	2.2%	4.6%
McKenzie	2,579	2,507	2,684	2,475	2,428	2,552	104	79	132	4.0%	3.2%	4.9%
Williams	10,512	10,539	10,819	10,026	10,074	10,249	486	465	570	4.6%	4.4%	5.3%
REGION 1	14,396	14,331	14,855	13,782	13,759	14,091	614	572	764	4.3%	4.0%	5.1%
Bottineau	3,244	3,198	3,264	3,005	2,961	3,043	239	237	221	7.4%	7.4%	6.8%
Burke	1,223	1,177	1,278	1,146	1,127	1,215	77	50	63	6.3%	4.2%	4.9%
McHenry	2,597	2,532	2,547	2,172	2,136	2,167	425	396	380	16.4%	15.6%	14.9%
Mountrail	3,181	3,207	3,136	2,964	2,975	2,898	217	232	238	6.8%	7.2%	7.6%
Pierce	2,435	2,397	2,411	2,320	2,286	2,321	115	111	90	4.7%	4.6%	3.7%
Renville	1,163	1,160	1,171	1,127	1,109	1,121	36	51	50	3.1%	4.4%	4.3%
Ward	25,188	24,901	25,605	23,693	23,556	24,200	1,495	1,345	1,405	5.9%	5.4%	5.5%
REGION 2	39,031	38,572	39,412	36,427	36,150	36,965	2,604	2,422	2,447	6.7%	6.3%	6.2%
Benson	2,678	2,612	3,024	2,323	2,297	2,780	355	315	244	13.3%	12.1%	8.1%
Cavalier	2,586	2,503	2,592	2,361	2,318	2,386	225	185	206	8.7%	7.4%	7.9%
Eddy	1,440	1,417	1,376	1,267	1,251	1,265	173	166	111	12.0%	11.7%	8.1%
Ramsey	6,644	6,656	6,481	6,346	6,352	6,188	298	304	293	4.5%	4.6%	4.5%
Rolette	4,543	4,401	4,516	3,875	3,796	3,931	668	605	585	14.7%	13.7%	13.0%
Towner	1,688	1,641	1,768	1,614	1,568	1,700	74	73	68	4.4%	4.4%	3.8%
REGION 3	19,579	19,230	19,757	17,786	17,582	18,250	1,793	1,648	1,507	9.2%	8.6%	7.6%
Grand Forks	35,985	35,918	36,029	34,614	34,639	34,807	1,371	1,279	1,222	3.8%	3.6%	3.4%
Nelson	1,879	1,829	1,882	1,768	1,733	1,783	111	96	99	5.9%	5.2%	5.3%
Pembina	5,296	5,245	5,247	4,816	4,752	4,751	480	493	496	9.1%	9.4%	9.5%
Walsh	7,249	7,167	7,413	6,840	6,770	7,014	409	397	399	5.6%	5.5%	5.4%
REGION 4	50,409	50,159	50,571	48,038	47,894	48,355	2,371	2,265	2,216	4.7%	4.5%	4.4%
Cass	61,441	61,338	61,512	59,759	59,693	59,879	1,682	1,645	1,633	2.7%	2.7%	2.7%
Ransom	2,591	2,566	2,633	2,486	2,474	2,548	105	92	85	4.1%	3.6%	3.2%
Richland	8,459	8,482	8,460	8,055	8,180	8,064	404	302	396	4.8%	3.6%	4.7%
Sargent	2,582	2,552	2,545	2,522	2,495	2,478	60	57	67	2.3%	2.2%	2.5%
Steele	1,063	1,014	1,088	1,016	969	1,015	47	45	73	4.4%	4.4%	6.7%
Traill	4,425	4,238	4,339	4,158	4,104	4,126	267	134	213	6.0%	3.2%	4.9%
REGION 5	80,561	80,190	80,577	77,996	77,915	78,110	2,565	2,275	2,467	3.2%	2.8%	3.1%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	MAR'90	FEB'90	MAR'89	MAR'90	FEB'90	MAR'89	MAR'90	FEB'90	MAR'89	MAR'90	FEB'90	MAR'89
Barnes	5,943	5,585	5,928	5,672	5,351	5,635	271	234	293	4.6%	4.2%	4.9%
Dickey	3,048	2,961	2,999	2,953	2,868	2,889	95	93	110	3.1%	3.1%	3.7%
Foster	2,179	2,189	2,097	2,065	2,058	2,005	114	131	92	5.2%	6.0%	4.4%
Griggs	1,498	1,438	1,503	1,410	1,368	1,432	88	70	71	5.9%	4.9%	4.7%
La Moure	2,204	2,197	2,221	2,103	2,080	2,101	101	117	120	4.6%	5.3%	5.4%
Logan	1,416	1,384	1,419	1,366	1,341	1,364	50	43	55	3.5%	3.1%	3.9%
McIntosh	2,158	2,115	2,142	2,110	2,069	2,104	48	46	38	2.2%	2.2%	1.8%
Stutsman	11,597	11,478	11,692	11,026	10,937	11,179	571	541	513	4.9%	4.7%	4.4%
Wells	2,742	2,667	2,777	2,485	2,416	2,553	257	251	224	9.4%	9.4%	8.1%
REGION 6	32,785	32,014	32,778	31,190	30,488	31,262	1,595	1,526	1,516	4.9%	4.8%	4.6%
Burleigh	34,051	33,726	33,977	32,481	32,196	32,668	1,570	1,530	1,309	4.6%	4.5%	3.9%
Emmons	2,126	2,079	2,108	1,980	1,934	1,996	146	145	112	6.9%	7.0%	5.3%
Grant	1,728	1,683	1,734	1,670	1,624	1,641	58	59	93	3.4%	3.5%	5.4%
Kidder	1,553	1,509	1,493	1,368	1,343	1,359	185	166	134	11.9%	11.0%	9.0%
McLean	4,396	4,310	4,294	4,051	3,980	4,011	345	330	283	7.8%	7.7%	6.6%
Mercer	5,620	5,492	5,565	5,168	5,051	5,200	452	441	365	8.0%	8.0%	6.6%
Morton	12,578	12,462	12,569	11,782	11,678	11,850	796	784	719	6.3%	6.3%	5.7%
Oliver	999	962	1,007	924	887	942	75	75	65	7.5%	7.8%	6.5%
Sheridan	1,168	1,121	1,092	1,073	1,043	1,008	95	78	84	8.1%	7.0%	7.7%
Sioux	1,153	1,146	1,177	1,018	1,014	1,026	135	132	151	11.7%	11.5%	12.8%
REGION 7	65,372	64,490	65,016	61,515	60,750	61,701	3,857	3,740	3,315	5.9%	5.8%	5.1%
Adams	1,606	1,587	1,593	1,573	1,537	1,557	33	50	36	2.1%	3.2%	2.3%
Billings	593	557	592	546	515	548	47	42	44	7.9%	7.5%	7.4%
Bowman	2,012	1,997	2,056	1,962	1,940	1,972	50	57	84	2.5%	2.9%	4.1%
Dunn	1,677	1,647	1,595	1,541	1,516	1,417	136	131	178	8.1%	8.0%	11.2%
Gldn Valley	980	956	1,002	950	931	957	30	25	45	3.1%	2.6%	4.5%
Hettinger	1,709	1,659	1,714	1,587	1,551	1,597	122	108	117	7.1%	6.5%	6.8%
Slope	431	406	424	397	386	382	34	20	42	7.9%	4.9%	9.9%
Stark	10,793	10,853	11,306	10,182	10,239	10,641	611	614	665	5.7%	5.7%	5.9%
REGION 8	19,801	19,662	20,282	18,738	18,615	19,071	1,063	1,047	1,211	5.4%	5.3%	6.0%
STATE TOTALS	321,936	318,648	323,247	305,472	303,154	307,805	16,464	15,494	15,442	5.1%	4.9%	4.8%

DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

FARGO
1350 32nd Street South
Phone: 237-7113

JAMESTOWN
429 2nd Street Southwest
Phone: 251-2256

BEULAH
119 East Main
Phone: 873-5607

DEVILS LAKE
301 South College Drive
Phone: 662- 2181

GRAND FORKS
2016 South Washington
Phone: 777-3711

MANDAN
501 1st Street Northwest
Phone: 663-6461

ROLLA
103 East Main
Phone: 477-5631

UND - GRAND FORKS
McCannel Hall - Room 141
Phone: 777-3904

DICKINSON
66 Osborn Drive
Phone: 227-2361

GRAFTON
728 Hill Avenue South
Phone: 352-2202

MINOT
3416 North Broadway
Phone: 852-2164

NDSU - FARGO
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

VALLEY CITY
2425 West Main
Phone: 845-7261

WAHPETON
524 2nd Avenue North
Phone: 671-2711

WILLISTON
422 1st Avenue West
Phone: 572-7771

NEW TOWN
Tribal Administration Building
Phone: 627-4390

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Research and Statistics
1000 East Divide
P.O. Box 1537
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April, 1990

Volume 6, Number 4

JOB
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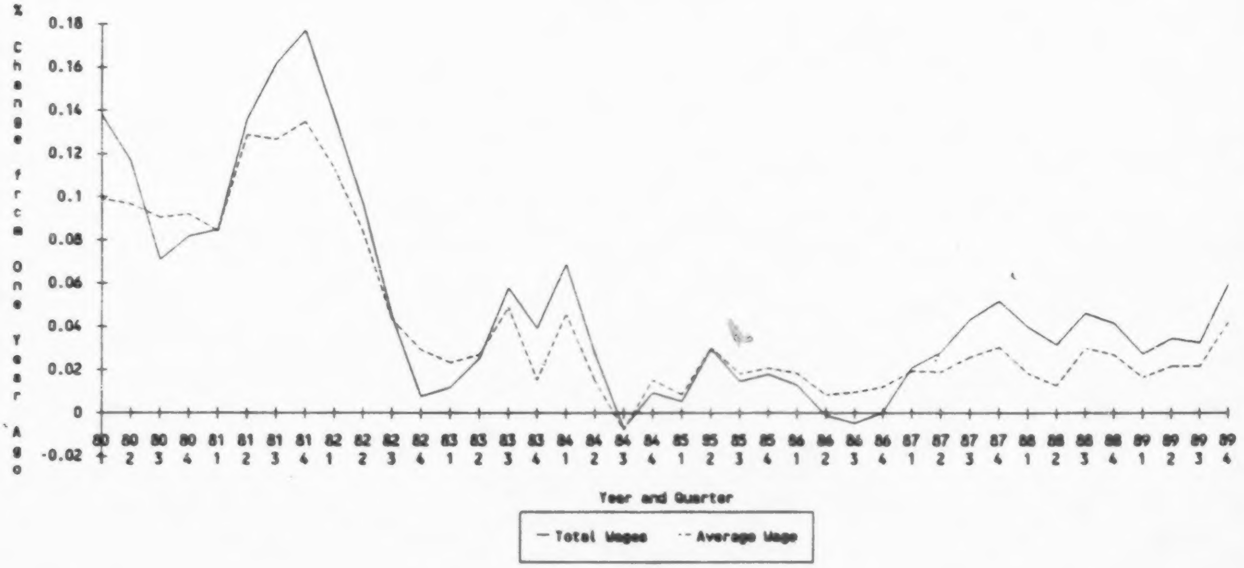
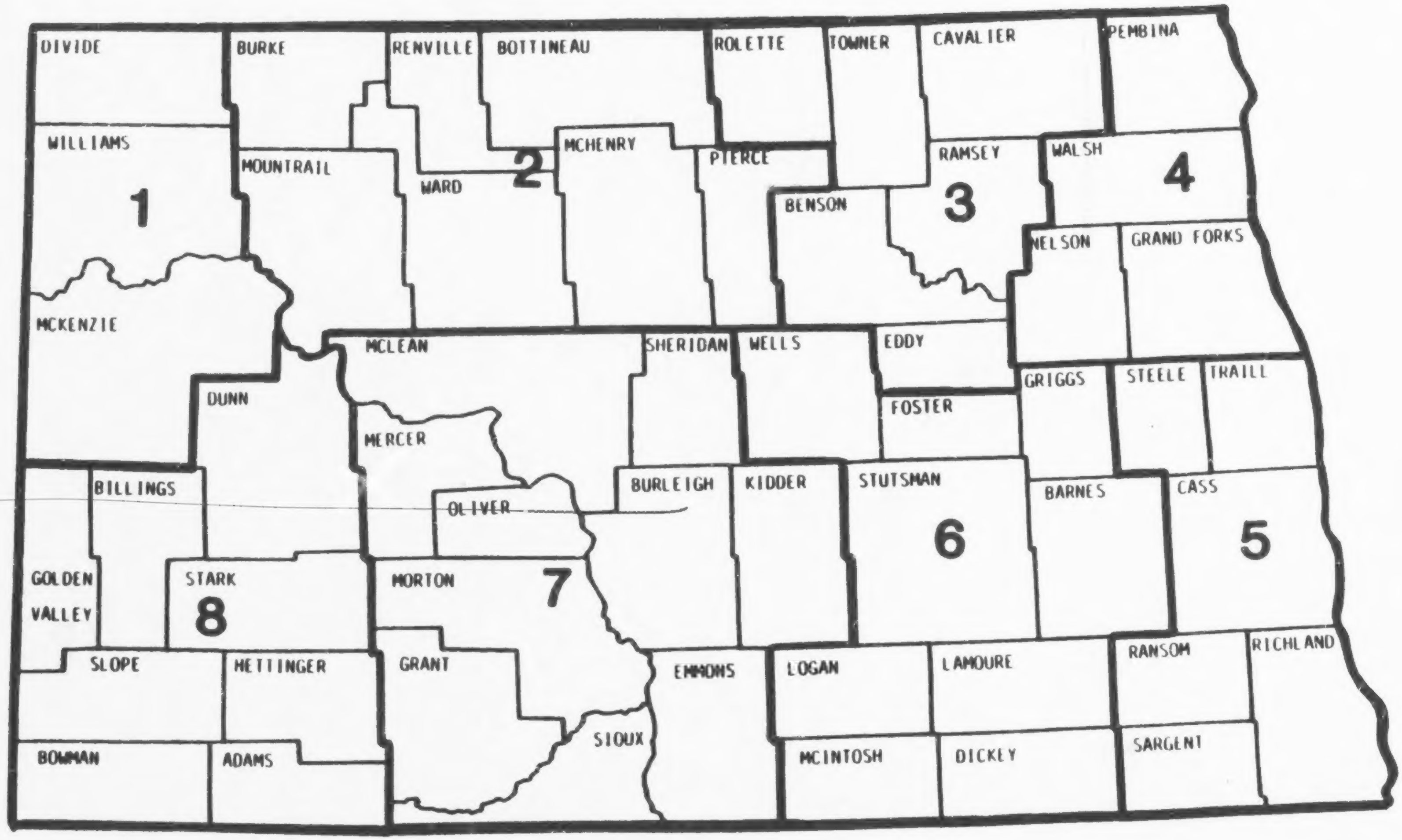
The North Dakota Labor Market Advisor

Growth Rates for Total Job Insurance Covered Wages and Average Wages
1980 to 1989



NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.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PIERCE
RAMSEY
WALSH
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THE
NORTH DAKOTA
LABOR MARKET ADVISOR

April, 1990

GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

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Executive Director

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Research and Statistics
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Covered Employment and Wages - 1989 in Review

A year ago, when information on the fourth quarter of 1988 became available, a major milestone was observed. For the first time, employers covered by Job Insurance paid North Dakota workers over a billion dollars during a single quarter. This article will recap 1989 activity and highlight trends that occurred during the year.

North Dakota, basically an agricultural state, is dependent on adequate moisture. The average amount for the state is slightly over 17 inches based on a 30-year average, but varies by area. During 1988 and 1989, the Bismarck area received just 70% of normal precipitation, while Fargo fared better, receiving 86% of their normal rainfall. More precipitation in the eastern portion of the state has benefited the economy, and it is in that area where most of the growth occurred. There is one exception: the Bismarck area where retail trade and services were the primary leaders.

The billion dollar milestone in quarterly wages turned into a common occurrence in 1989. With the exception of the first quarter, when both employment and wages traditionally drop due to cold weather and the end of the holiday season, wages paid exceeded a billion dollars in all quarters. In fact, another milestone was reached in 1989 when total wages paid by employers covered by Job Insurance exceeded $4 billion for the year.

Employment in the fourth quarter of 1989 (89/4) averaged 245,705 which exceeded the 88/4 average by over 4,100. Only construction and the combined industry of transportation, communications and utilities (TCU) recorded minor over-the-year drops. Construction trailed year-ago figures in all four quarters due to the lack of any major projects in the state. The decline in TCU centered primarily in the transportation segment. The services industry showed the strongest growth and added nearly 2,000 workers during the year. Increases in business, medical, and social services accounted for nearly three-fourths of the gain. Retail trade continued to grow and added 1,200. Over one-half of the gain was in eating and drinking establishments, while nearly all of the remaining segments recorded only token gains.

Total wages were nearly $1.1 billion and exceeded the 88/4 figure by over $62 million. In all industries, the percentage gain in wages exceeded the percentage gain in employment. Most of this can be attributed to employers paying higher wages to keep pace with the rising cost of all goods and services. In 1989, the Consumer Price Index (CPI) rose by 4.8%. The mining, manufacturing, wholesale trade, services, and government industries recorded gains in the 5% range. Others had minor increases that were below the growth in the CPI. The lowest was in retail trade, 2.0%, which is strongly influenced by part-time workers who traditionally have a lower hourly wage. The other low gains in earnings were in construction and TCU where employment also declined compared with 88/4. The lack of growth in these industries contributed to depressed earnings as well.

A comparison of average annual employment and cumulative wages for 1988 and 1989 sends mixed signals. Overall, employment was up 3,027 over the 1988 average. On the positive side, five industries recorded growth, led by services which added 1,847 workers and retail trade with a gain of 1,045. On the negative side, four of the nine nonagricultural industries showed decreases. However, manufacturing and finance, insurance and real estate had declines of less than 20, while mining and construction recorded decreases of slightly over 200.

Cumulative wages for 1988 were $3.918 billion and rose to an all time record of $4.071 billion in 1989. While employment increased by 1.3%, total wages rose by 3.9%. The actual increase in wages amounted to only 2.6% after adjustment for increased employment. Based on these figures, the average North Dakota worker actually lost purchasing power.

A concern that was expressed a year ago was the separation of the growth rate of total wages from the growth rate of average earnings. A continuation of this trend would indicate an expansion in the number of part-time or lower paying jobs or a combination of both. A review of 1989 indicates the growth in total wages and average earnings remained comparatively close in 1989 (see cover chart). In fact, the gap between the two closed slightly, indicating no expansion in the proportion of part-time or lower paying jobs. Hopefully, the growth in total wages and average wages will, at a minimum, parallel each other in the coming year.

Dale R. Dehlin,
Research Analyst

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	April 1990	March 1990	March 1990	April 1989	April 1989
TOTAL	263,200	260,600	1.0%	257,650	2.2%
GOODS PRODUCING	28,900	28,400	1.8%	27,800	4.0%
MINING	3,800	3,650	4.1%	3,800	0.0%
Coal	1,050	1,050	0.0%	1,100	-4.5%
Crude Petroleum & Nat. Gas	2,500	2,400	4.2%	2,400	4.2%
Other Mining	250	200	25.0%	300	-16.7%
CONSTRUCTION	8,250	7,500	10.0%	8,100	1.9%
Building Construction	2,200	2,100	4.8%	2,200	0.0%
Street, Highway & Heavy	1,650	1,200	37.5%	1,600	3.1%
Special Trade Construction	4,400	4,200	4.8%	4,300	2.3%
MANUFACTURING	16,850	17,250	-2.3%	15,900	6.0%
Durable Goods	8,750	8,700	0.6%	7,850	11.5%
Primary & Fab. Metals	1,100	1,100	0.0%	1,050	4.8%
Machinery & Trans. Equip	5,400	5,500	-1.8%	4,800	12.5%
Machinery & Electric	3,800	3,900	-2.6%	3,400	11.8%
Transportation Equipment	1,600	1,600	0.0%	1,400	14.3%
Other Durables	2,250	2,100	7.1%	2,000	12.5%
Lumber & Wood	1,100	1,100	0.0%	1,000	10.0%
Misc Durable	1,150	1,000	15.0%	1,000	15.0%
Nondurable Goods	8,100	8,550	-5.3%	8,050	0.6%
Food & Kindred Products	4,150	4,500	-7.8%	4,100	1.2%
Dairy Products	650	650	0.0%	700	-7.1%
Bakery Products	900	850	5.9%	800	12.5%
Sugar & Confectionary	550	1,000	-45.0%	550	0.0%
Other Foods	2,050	2,000	2.5%	2,050	0.0%
Printing & Publishing	2,500	2,600	-3.8%	2,400	4.2%
Other Nondurable Goods	1,450	1,450	0.0%	1,550	-6.5%
SERVICES PRODUCING	234,300	232,200	0.9%	229,850	1.9%
TRAN, COMM & UTILITIES	16,800	16,700	0.6%	16,650	0.9%
Transportation	8,500	8,500	0.0%	8,650	-1.7%
Trucking & Warehousing	4,700	4,700	0.0%	4,900	-4.1%
Other Transportation	3,800	3,800	0.0%	3,750	1.3%
Railroads	1,850	1,850	0.0%	1,850	0.0%
Local & Suburban Transport	900	900	0.0%	900	0.0%
Water, Air & Pipeline	1,050	1,050	0.0%	1,000	5.0%
Communications	3,500	3,500	0.0%	3,400	2.9%
Utilities	4,800	4,700	2.1%	4,600	4.3%
WHOLESALE TRADE	19,600	19,200	2.1%	19,500	0.5%
Durable Goods	9,000	8,900	1.1%	8,900	1.1%
Nondurable Goods	10,600	10,300	2.9%	10,600	0.0%

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	April 1990	March 1990	March 1990	April 1989	April 1989
RETAIL TRADE	50,250	49,450	1.6%	49,600	1.3%
Hardware & Garden	2,300	2,200	4.5%	2,500	-8.0%
General Merchandise	6,300	6,300	0.0%	6,300	0.0%
Food Stores	7,000	7,000	0.0%	7,100	-1.4%
Auto & Service Stations	6,900	6,800	1.5%	6,500	6.2%
Apparel & Accessory	2,700	2,700	0.0%	2,600	3.8%
Furniture Stores	1,650	1,650	0.0%	1,600	3.1%
Eating & Drinking Places	18,000	17,500	2.9%	17,900	0.6%
Misc Retail	5,400	5,300	1.9%	5,100	5.9%
FINANCE,INS & REAL ESTATE	12,400	12,400	0.0%	12,150	2.1%
Finance	6,650	6,700	-0.7%	6,550	1.5%
Banking	5,700	5,700	0.0%	5,600	1.8%
Other Finance	950	1,000	-5.0%	950	0.0%
Insurance	3,900	3,900	0.0%	3,850	1.3%
Insurance Underwriters	2,500	2,500	0.0%	2,500	0.0%
Ins. Agents & Brokers	1,400	1,400	0.0%	1,350	3.7%
Real Estate	1,850	1,800	2.8%	1,750	5.7%
SERVICES	67,950	67,450	0.7%	65,450	3.8%
Lodging	4,400	4,300	2.3%	4,300	2.3%
Personal & Business	8,300	8,200	1.2%	7,700	7.8%
Personal Services	3,300	3,300	0.0%	3,200	3.1%
Business Services	5,000	4,900	2.0%	4,500	11.1%
Recreational Services	2,200	2,200	0.0%	2,400	-8.3%
Health Services	28,100	28,000	0.4%	27,200	3.3%
Nursing & Hospital	20,500	20,400	0.5%	19,900	3.0%
Other Health	7,600	7,600	0.0%	7,300	4.1%
Membership Organizations	8,200	8,200	0.0%	8,200	0.0%
Educational Services	2,900	2,900	0.0%	2,900	0.0%
Social Services	6,400	6,400	0.0%	5,600	14.3%
Other Services	7,450	7,250	2.8%	7,150	4.2%
Auto & Misc Repair	2,300	2,300	0.0%	2,200	4.5%
Legal Services	1,450	1,450	0.0%	1,450	0.0%
Misc Services	3,700	3,500	5.7%	3,500	5.7%
GOVERNMENT	67,300	67,000	0.4%	66,500	1.2%
Federal	10,700	10,600	0.9%	10,400	2.9%
State & Local	56,600	56,400	0.4%	56,100	0.9%
State Government	20,400	20,300	0.5%	20,200	1.0%
Educational Services	13,400	13,400	0.0%	13,100	2.3%
Other State Government	7,000	6,900	1.4%	7,100	-1.4%
Local Government	36,200	36,100	0.3%	35,900	0.8%
Educational Services	18,600	18,700	-0.5%	18,200	2.2%
Other Local Government	17,600	17,400	1.1%	17,700	-0.6%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	April 1990	March 1990	March 1990	April 1989	April 1989
FARGO-MOORHEAD MSA					
TOTAL	76,700	75,950	1.0%	74,200	3.4%
GOODS PRODUCING	8,800	8,550	2.9%	8,000	10.0%
MINING & CONSTRUCTION	3,300	3,000	10.0%	2,850	15.8%
Special Trades	1,850	1,750	5.7%	1,600	15.6%
Other Construction & Mining	1,450	1,250	16.0%	1,250	16.0%
MANUFACTURING	5,500	5,550	-0.9%	5,150	6.8%
Durable Goods	2,700	2,700	0.0%	2,450	10.2%
Fabricated Metal & Machinery	1,450	1,450	0.0%	1,250	16.0%
Other Durable Goods	1,250	1,250	0.0%	1,200	4.2%
Nondurable Goods	2,800	2,850	-1.8%	2,700	3.7%
Food & Kindred	1,750	1,800	-2.8%	1,700	2.9%
Other Nondurables	1,050	1,050	0.0%	1,000	5.0%
SERVICES PRODUCING	67,900	67,400	0.7%	66,200	2.6%
TRANS, COMM & UTIL	4,650	4,650	0.0%	4,650	0.0%
Trucking & Warehousing	1,000	1,000	0.0%	950	5.3%
Other Transportation	2,000	2,000	0.0%	2,000	0.0%
Communications & Utilities	1,650	1,650	0.0%	1,700	-2.9%
WHOLESALE TRADE	6,600	6,500	1.5%	6,700	-1.5%
Durable	3,800	3,800	0.0%	3,700	2.7%
Nondurable	2,800	2,700	3.7%	3,000	-6.7%
RETAIL TRADE	14,900	14,750	1.0%	14,850	0.3%
General Merchandise & Apparel	3,000	2,900	3.4%	2,800	7.1%
Food Stores	1,800	1,750	2.9%	2,000	-10.0%
Auto Dealers & Svc. Stations	1,900	1,900	0.0%	1,650	15.2%
Eating & Drinking Places	5,600	5,600	0.0%	5,600	0.0%
Other Retail	2,600	2,600	0.0%	2,800	-7.1%
FINANCE, INS & R E	4,600	4,550	1.1%	4,400	4.5%
Finance	2,100	2,100	0.0%	1,950	7.7%
Insurance Carriers	1,450	1,450	0.0%	1,450	0.0%
Other Fin, Ins. & R.Estate	1,050	1,000	5.0%	1,000	5.0%
SERVICES	22,100	21,800	1.4%	20,850	6.0%
Lodging	1,400	1,400	0.0%	1,300	7.7%
Personal & Business	3,600	3,500	2.9%	3,400	5.9%
Recreation & Amusement	850	800	6.3%	900	-5.6%
Health Services	7,900	7,900	0.0%	7,500	5.3%
Educational Services	2,300	2,300	0.0%	2,200	4.5%
Social Services	1,750	1,700	2.9%	1,550	12.9%
Membership Services	1,500	1,500	0.0%	1,500	0.0%
Other Services	2,800	2,700	3.7%	2,500	12.0%
GOVERNMENT	15,050	15,150	-0.7%	14,750	2.0%
Federal	2,400	2,400	0.0%	2,200	9.1%
State	6,150	6,250	-1.6%	6,250	-1.6%
State School	5,600	5,700	-1.8%	5,700	-1.8%
Other State	550	550	0.0%	550	0.0%
Local	6,500	6,500	0.0%	6,300	3.2%
Local School	4,000	4,000	0.0%	3,800	5.3%
Other Local	2,500	2,500	0.0%	2,500	0.0%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	April 1990	March 1990	March 1990	April 1989	April 1989
GRAND FORKS MSA					
TOTAL	31,800	31,800	0.0%	31,100	2.3%
GOODS PRODUCING	2,600	2,500	4.0%	2,900	-10.3%
MINING & CONSTRUCTION	1,050	950	10.5%	1,150	-8.7%
MANUFACTURING	1,550	1,550	0.0%	1,750	-11.4%
Durable Goods	550	550	0.0%	550	0.0%
Nondurable Goods	1,000	1,000	0.0%	1,200	-16.7%
SERVICES PRODUCING	29,200	29,300	-0.3%	28,200	3.5%
TRANS, COMM. & UTIL.	1,650	1,650	0.0%	1,650	0.0%
Transportation	1,000	1,000	0.0%	1,000	0.0%
Communications & Utilities	650	650	0.0%	650	0.0%
WHOLESALE TRADE	1,650	1,650	0.0%	1,500	10.0%
RETAIL TRADE	7,650	7,650	0.0%	7,300	4.8%
General Merchandise & Apparel	1,850	1,850	0.0%	1,800	2.8%
Eating & Drinking Places	2,900	2,900	0.0%	2,700	7.4%
Other Retail	2,900	2,900	0.0%	2,800	3.6%
FINANCE, INS. & R E	1,200	1,200	0.0%	1,100	9.1%
SERVICES	7,150	7,050	1.4%	7,100	0.7%
Personal & Business	950	950	0.0%	900	5.6%
Health	2,800	2,800	0.0%	2,900	-3.4%
Other Services	3,400	3,300	3.0%	3,300	3.0%
GOVERNMENT	9,900	10,100	[illegible]	9,550	3.7%
Federal	1,500	1,550	-3.2%	1,450	3.4%
State	5,850	5,950	-1.7%	5,650	3.5%
State School	5,400	5,500	-1.8%	5,200	3.8%
Other State	450	450	0.0%	450	0.0%
Local	2,550	2,600	-1.9%	2,450	4.1%
Local School	1,350	1,400	-3.6%	1,350	0.0%
Other Local	1,200	1,200	0.0%	1,100	9.1%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	April 1990	March 1990	March 1990	April 1989	April 1989
BISMARCK MSA					
TOTAL	39,650	39,050	1.5%	38,800	2.2%
GOODS PRODUCING	3,750	3,600	4.2%	3,600	4.2%
MINING & CONSTRUCTION	1,550	1,400	10.7%	1,500	3.3%
MANUFACTURING	2,200	2,200	0.0%	2,100	4.8%
Durable Goods	950	950	0.0%	850	11.8%
Nondurable Goods	1,250	1,250	0.0%	1,250	0.0%
SERVICES PRODUCING	35,900	35,450	1.3%	35,200	2.0%
TRANS, COMM. & UTIL.	3,000	2,950	1.7%	2,700	11.1%
Transportation	1,250	1,200	4.2%	1,150	8.7%
Communications & Utilities	1,750	1,750	0.0%	1,550	12.9%
WHOLESALE TRADE	2,300	2,300	0.0%	2,300	0.0%
RETAIL TRADE	7,900	7,850	0.6%	8,100	-2.5%
General Merchandise & Apparel	1,600	1,650	-3.0%	1,650	-3.0%
Food Stores	1,050	1,050	0.0%	1,000	5.0%
Auto Dealers & Svc. Stations	1,050	1,000	5.0%	1,150	-8.7%
Eating & Drinking Places	2,600	2,600	0.0%	2,700	-3.7%
Other Retail	1,600	1,550	3.2%	1,600	0.0%
FINANCE, INS. & R E	1,500	1,500	0.0%	1,500	0.0%
SERVICES	12,100	11,900	1.7%	11,650	3.9%
Lodging	900	900	0.0%	950	-5.3%
Personal & Business	1,450	1,450	0.0%	1,300	11.5%
Health Services	4,900	4,900	0.0%	4,600	6.5%
Educational Services	850	850	0.0%	800	6.3%
Social Services	1,150	1,100	4.5%	1,050	9.5%
Membership Services	1,150	1,100	4.5%	1,300	-11.5%
Other Services	1,700	1,600	6.3%	1,650	3.0%
GOVERNMENT	9,100	8,950	1.7%	8,950	1.7%
Federal	1,250	1,250	0.0%	1,150	8.7%
State	4,050	3,950	2.5%	4,100	-1.2%
State Schools	350	350	0.0%	300	16.7%
Other State	3,700	3,600	2.8%	3,800	-2.6%
Local	3,800	3,750	1.3%	3,700	2.7%
Local Schools	2,100	2,100	0.0%	2,100	0.0%
Other Local	1,700	1,650	3.0%	1,600	6.3%

LABOR FORCE

NORTH DAKOTA AND MSA'S

	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	APRIL 1990	MARCH 1990	MARCH 1990	APRIL 1989	APRIL 1989
UNITED STATES					
(In Thousands)					
Labor Force	126,543	126,498	0.0%	125,299	1.0%
Employment	119,773	120,003	-0.2%	118,768	0.8%
Unemployment	6,770	6,495	4.2%	6,531	3.7%
Unemployment Rate	5.3%	5.1%	xxx	5.2%	xxx
NORTH DAKOTA					
Labor Force	325,364	322,190	1.0%	326,620	-0.4%
Employment	312,270	305,650	2.2%	312,850	-0.2%
Unemployment	13,094	16,540	-20.8%	13,770	-4.9%
Unemployment Rate	4.0%	5.1%	xxx	4.2%	xxx
FARGO-MOORHEAD MSA					
Labor Force	87,690	87,190	0.6%	86,540	1.3%
Employment	84,880	84,160	0.9%	83,890	1.2%
Unemployment	2,810	3,030	-7.3%	2,650	6.0%
Unemployment Rate	3.2%	3.5%	xxx	3.1%	xxx
GRAND FORKS MSA					
Labor Force	36,440	36,040	1.1%	36,350	0.2%
Employment	35,130	34,650	1.4%	34,980	0.4%
Unemployment	1,310	1,390	-5.8%	1,370	-4.4%
Unemployment Rate	3.6%	3.8%	xxx	3.8%	xxx
BISMARCK MSA					
Labor Force	47,140	46,730	0.9%	47,160	0.0%
Employment	45,420	44,340	2.4%	45,400	0.0%
Unemployment	1,720	2,390	-28.0%	1,760	-2.3%
Unemployment Rate	3.6%	5.1%	xxx	3.7%	xxx

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.
The Bismarck MSA includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
MARCH 1990

	NORTH DAKOTA	MINNESOTA	SOUTH DAKOTA	MONTANA
Labor Force	322.2	2,354.3	352.1	412.1
Employment	305.7	2,227.2	338.0	387.5
Unemployment	16.5	127.1	14.1	24.6
Unemployment Rate	5.1%	5.4%	4.0%	6.0%

UNITED STATES

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings APRIL 1990	MARCH 1990	APRIL 1989	Average Weekly Hours APRIL 1990	MARCH 1990	APRIL 1989	Average Hourly Earnings APRIL 1990	MARCH 1990	APRIL 1989
MANUFACTURING	427.57	437.12	426.81	39.7	40.7	41.0	10.77	10.74	10.41
Durable Goods	453.38	465.34	455.78	40.3	41.4	41.7	11.25	11.24	10.93
Nondurable Goods	393.90	397.79	386.97	39.0	39.7	40.1	10.10	10.02	9.65

NORTH DAKOTA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings April 1990	March 1990	April 1989	Average Weekly Hours April 1990	March 1990	April 1989	Average Hourly Earnings April 1990	March 1990	April 1989
MANUFACTURING	350.76	342.27	343.59	39.5	38.5	39.0	8.88	8.89	8.81
Durable Goods	378.90	368.04	379.01	41.5	40.4	42.3	9.13	9.11	8.96
Nondurable Goods	314.76	313.40	306.52	36.9	36.4	35.6	8.53	8.61	8.61
Food & Kindred	320.26	323.59	314.81	38.4	38.8	37.3	8.34	8.34	8.44

FARGO-MOORHEAD MSA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings April 1990	March 1990	April 1989	Average Weekly Hours April 1990	March 1990	April 1989	Average Hourly Earnings April 1990	March 1990	April 1989
MANUFACTURING	327.87	313.77	352.91	37.6	35.9	39.3	8.72	8.74	8.98
Durable Goods	317.24	289.68	331.30	38.5	35.5	40.6	8.24	8.16	8.16
Nondurable Goods	338.36	338.32	374.52	36.5	36.3	38.1	9.27	9.32	9.83

U. S. CONSUMER PRICE INDEX

ALL URBAN CONSUMERS

(1982-84=100)

ITEM	ANNUAL AVERAGE 1989	APRIL 1990	MARCH 1990	Percent Change From MARCH 1990	APRIL 1989	Percent Change From APRIL 1989
All Items	124.0	128.9	128.7	0.2%	123.1	4.7%
Food & Beverage	124.9	131.0	131.2	-0.2%	124.0	5.6%
Housing	123.0	126.8	126.8	0.0%	121.6	4.3%
Apparel & Upkeep	118.6	126.7	125.4	1.0%	120.9	4.8%
Transportation	114.1	117.3	116.8	0.4%	114.6	2.4%
Medical Care	149.3	159.8	158.7	0.7%	146.8	8.9%
Entertainment	126.5	131.4	130.9	0.4%	125.4	4.8%
All Other	147.7	155.8	155.2	0.4%	144.7	7.7%

PRODUCER PRICE INDEX

UNITED STATES AVERAGE

ITEM	ANNUAL AVERAGE 1989	APRIL 1990	MARCH 1990	Percent Change From MARCH 1990	APRIL 1989	Percent Change From APRIL 1989
All Commodities	112.2	114.0	114.2	-0.2%	112.3	1.5%
Farm Products & Processed Foods and Feeds	115.3	118.4	118.7	-0.3%	115.0	3.0%
Industrial Commodities	111.6	113.1	113.2	-0.1%	111.8	1.2%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	APR'90	MAR'90	APR'89	APR'90	MAR'90	APR'89	APR'90	MAR'90	APR'89	APR'90	MAR'90	APR'89
Barnes	5,822	5,948	5,771	5,627	5,676	5,545	195	272	226	3.3%	4.6%	3.9%
Dickey	3,134	3,047	3,063	3,065	2,952	2,993	69	95	70	2.2%	3.1%	2.3%
Foster	2,264	2,180	2,177	2,163	2,067	2,083	101	113	94	4.5%	5.2%	4.3%
Griggs	1,545	1,494	1,580	1,482	1,409	1,511	63	85	69	4.1%	5.7%	4.4%
La Moure	2,308	2,208	2,312	2,215	2,104	2,221	93	104	91	4.0%	4.7%	3.9%
Logan	1,458	1,416	1,466	1,424	1,366	1,422	34	50	44	2.3%	3.5%	3.0%
McIntosh	2,216	2,160	2,204	2,177	2,112	2,166	39	48	38	1.8%	2.2%	1.7%
Stutsman	11,810	11,608	11,873	11,366	11,036	11,431	444	572	442	3.8%	4.9%	3.7%
Wells	2,762	2,743	2,811	2,543	2,486	2,607	219	257	204	7.9%	9.4%	7.3%
REGION 6	33,319	32,804	33,257	32,062	31,208	31,979	1,257	1,596	1,278	3.8%	4.9%	3.8%
Burleigh	34,472	34,119	34,486	33,331	32,537	33,315	1,141	1,582	1,171	3.3%	4.6%	3.4%
Emmons	2,103	2,127	2,115	2,002	1,981	2,021	101	146	94	4.8%	6.9%	4.4%
Grant	1,793	1,728	1,799	1,746	1,670	1,738	47	58	61	2.6%	3.4%	3.4%
Kidder	1,556	1,555	1,524	1,404	1,368	1,400	152	187	124	9.8%	12.0%	8.1%
McLean	4,401	4,397	4,355	4,168	4,052	4,110	233	345	245	5.3%	7.8%	5.6%
Mercer	5,615	5,630	5,627	5,306	5,172	5,313	309	458	314	5.5%	8.1%	5.6%
Morton	12,668	12,608	12,673	12,090	11,802	12,084	578	806	589	4.6%	6.4%	4.6%
Oliver	1,044	999	1,085	1,000	924	1,029	44	75	56	4.2%	7.5%	5.2%
Sheridan	1,179	1,167	1,144	1,121	1,072	1,071	58	95	73	4.9%	8.1%	6.4%
Sioux	1,121	1,154	1,141	999	1,019	1,003	122	135	138	10.9%	11.7%	12.1%
REGION 7	65,952	65,484	65,949	63,167	61,597	63,084	2,785	3,887	2,865	4.2%	5.9%	4.3%
Adams	1,642	1,609	1,621	1,608	1,575	1,585	34	34	36	2.1%	2.1%	2.2%
Billings	629	593	631	591	546	601	38	47	30	6.0%	7.9%	4.8%
Bowman	2,088	2,014	2,114	2,041	1,964	2,046	47	50	68	2.3%	2.5%	3.2%
Dunn	1,699	1,677	1,642	1,604	1,541	1,502	95	136	140	5.6%	8.1%	8.5%
Gldn Valley	1,007	982	1,021	988	951	992	19	31	29	1.9%	3.2%	2.8%
Hettinger	1,760	1,709	1,793	1,690	1,587	1,709	70	122	84	4.0%	7.1%	4.7%
Slope	425	431	431	402	398	399	23	33	32	5.4%	7.7%	7.4%
Stark	10,789	10,800	11,302	10,364	10,190	10,739	425	610	563	3.9%	5.6%	5.0%
REGION 8	20,039	19,815	20,555	19,288	18,752	19,573	751	1,063	982	3.7%	5.4%	4.8%
STATE TOTALS	325,367	322,191	326,623	312,273	305,653	312,850	13,094	16,538	13,773	4.0%	5.1%	4.2%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	APR'90	MAR'90	APR'89	APR'90	MAR'90	APR'89	APR'90	MAR'90	APR'89	APR'90	MAR'90	APR'89
Divide	1,368	1,306	1,420	1,349	1,282	1,382	19	24	38	1.4%	1.8%	2.7%
McKenzie	2,652	2,578	2,785	2,586	2,476	2,669	66	102	116	2.5%	4.0%	4.2%
Williams	10,776	10,520	10,999	10,343	10,035	10,487	433	485	512	4.0%	4.6%	4.7%
REGION 1	14,796	14,404	15,204	14,278	13,793	14,538	518	611	666	3.5%	4.2%	4.4%
Bottineau	3,306	3,246	3,337	3,122	3,006	3,145	184	240	192	5.6%	7.4%	5.8%
Burke	1,218	1,226	1,297	1,163	1,149	1,228	55	77	69	4.5%	6.3%	5.3%
McHenry	2,618	2,606	2,608	2,297	2,172	2,300	321	434	308	12.3%	16.7%	11.8%
Mountrail	3,353	3,184	3,268	3,145	2,966	3,060	208	218	208	6.2%	6.8%	6.4%
Pierce	2,513	2,436	2,523	2,431	2,321	2,433	82	115	90	3.3%	4.7%	3.6%
Renville	1,168	1,161	1,172	1,126	1,126	1,121	42	35	51	3.6%	3.0%	4.4%
Ward	25,316	25,215	25,613	24,129	23,714	24,393	1,187	1,501	1,220	4.7%	6.0%	4.8%
REGION 2	39,492	39,074	39,818	37,413	36,454	37,680	2,079	2,620	2,138	5.3%	6.7%	5.4%
Benson	2,681	2,681	3,043	2,360	2,325	2,807	321	356	236	12.0%	13.3%	7.8%
Cavalier	2,577	2,585	2,634	2,422	2,362	2,438	155	223	196	6.0%	8.6%	7.4%
Eddy	1,409	1,441	1,402	1,299	1,268	1,296	110	173	106	7.8%	12.0%	7.6%
Ramsey	6,891	6,649	6,642	6,615	6,351	6,409	276	298	233	4.0%	4.5%	3.5%
Rolette	4,532	4,545	4,579	3,955	3,878	3,975	577	667	604	12.7%	14.7%	13.2%
Towner	1,667	1,689	1,753	1,619	1,615	1,697	48	74	56	2.9%	4.4%	3.2%
REGION 3	19,757	19,590	20,053	18,270	17,799	18,622	1,487	1,791	1,431	7.5%	9.1%	7.1%
Grand Forks	36,438	36,038	36,348	35,126	34,653	34,983	1,312	1,385	1,365	3.6%	3.8%	3.8%
Nelson	1,897	1,880	1,936	1,820	1,769	1,839	77	111	97	4.1%	5.9%	5.0%
Pembina	5,179	5,299	5,135	4,743	4,819	4,658	436	480	477	8.4%	9.1%	9.3%
Walsh	7,461	7,257	7,628	7,106	6,843	7,260	355	414	368	4.8%	5.7%	4.8%
REGION 4	50,975	50,474	51,047	48,795	48,084	48,740	2,180	2,390	2,307	4.3%	4.7%	4.5%
Cass	62,101	61,418	61,711	60,695	59,720	60,398	1,406	1,698	1,313	2.3%	2.8%	2.1%
Ransom	2,628	2,591	2,670	2,545	2,486	2,597	83	105	73	3.2%	4.1%	2.7%
Richland	8,345	8,463	8,410	8,071	8,060	8,044	274	403	366	3.3%	4.8%	4.4%
Sargent	2,629	2,582	2,600	2,583	2,522	2,531	46	60	69	1.7%	2.3%	2.7%
Steele	1,076	1,063	1,117	1,036	1,016	1,048	40	47	69	3.7%	4.4%	6.2%
Traill	4,262	4,427	4,230	4,072	4,160	4,016	190	267	214	4.5%	6.0%	5.1%
REGION 5	81,041	80,544	80,738	79,002	77,964	78,634	2,039	2,580	2,104	2.5%	3.2%	2.6%

DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

FARGO
1350 32nd Street South
Phone: 237-7113

JAMESTOWN
429 2nd Street Southwest
Phone: 251-2256

BEULAH
119 East Main
Phone: 873-5607

DEVILS LAKE
301 South College Drive
Phone: 662- 2181

GRAND FORKS
2016 South Washington
Phone: 777-3711

MANDAN
501 1st Street Northwest
Phone: 663-6461

ROLLA
103 East Main
Phone: 477-5631

UND - GRAND FORKS
McCannel Hall - Room 141
Phone: 777-3904

DICKINSON
66 Osborn Drive
Phone: 227-2361

GRAFTON
728 Hill Avenue South
Phone: 352-2202

MINOT
3416 North Broadway
Phone: 852-2164

NDSU - FARGO
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

VALLEY CITY
2425 West Main
Phone: 845-7261

WAHPETON
524 2nd Avenue North
Phone: 671-2711

WILLISTON
422 1st Avenue West
Phone: 572-7771

NEW TOWN
Tribal Administration Building
Phone: 627-4390

Job Service North Dakota
Research and Statistics
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

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North Dakota

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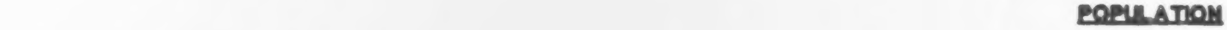
May, 1990

Volume 6, Number 5

JOB SERVICE North Dakota

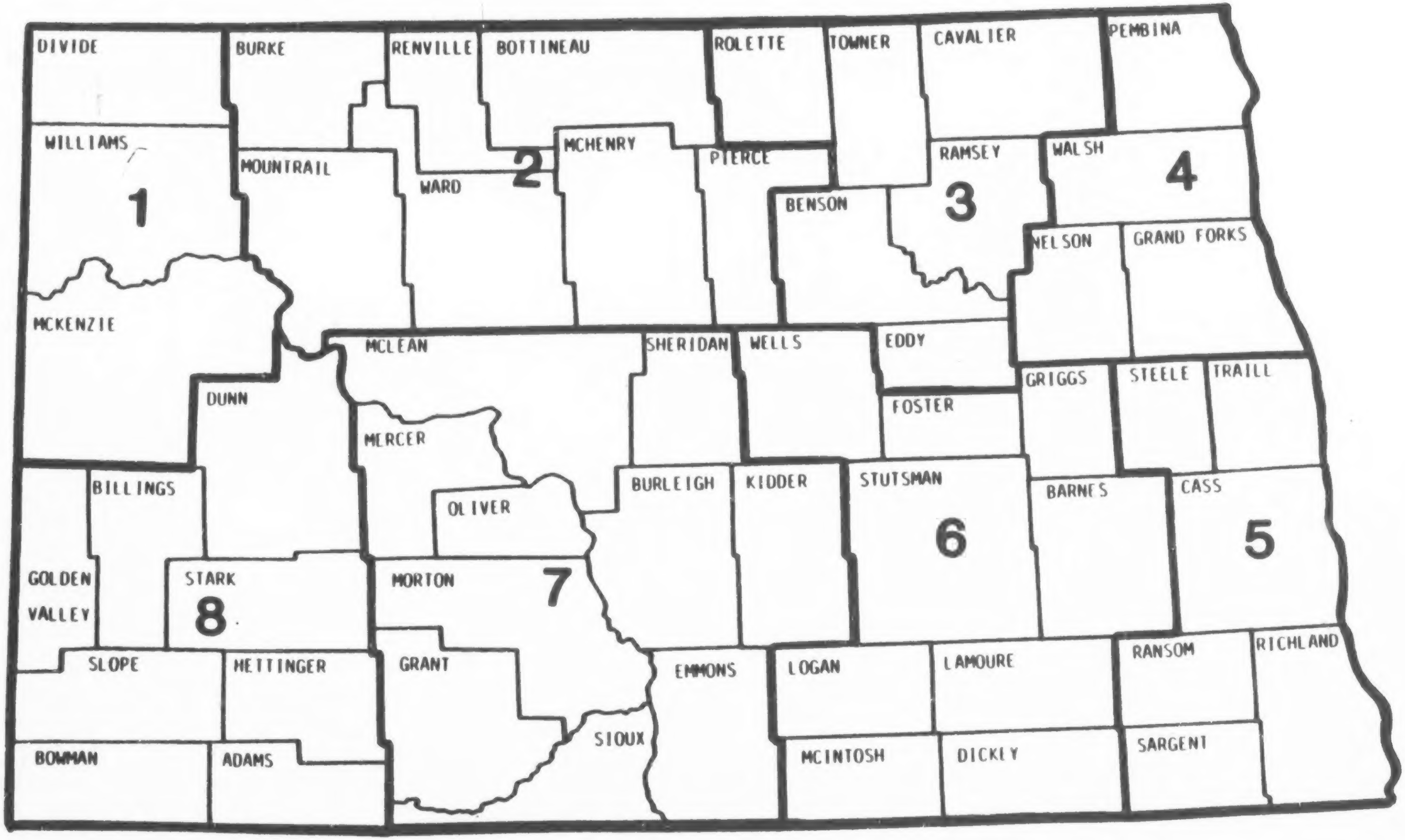
The North Dakota Labor Market Advisor

NATIVE AMERICAN POPULATION BY COUNTY 1980


POPULATION
0 to 0
0 to 25
25 to 50
50 to 100
100 to 7020

NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
MOUNTRAIL
MCHENRY
PIERCE
RAMSEY
WALSH
1
WARD
2
BENSON
3
4
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
DUNN
GRIGGS
STEELE
TRAILL
FOSTER
MERCER
BILLINGS
BURLEIGH
KIDDER
STUTSMAN
BARNES
CASS
OLIVER
6
5
GOLDEN VALLEY
STARK
8
MORTON
7
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
SIOUX
BOWMAN
ADAMS
MCINTOSH
DICKEY
SARGENT

THE
NORTH DAKOTA
LABOR MARKET ADVISOR

May, 1990

GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

Micheal V. Deisz
Executive Director

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Chief (701) 224-2868

Native Americans in North Dakota

North Dakota's name is based on a word from the language of the Sioux Indians who live in this state. The Sioux called themselves "Dakota" which means "allies" or "friends." With our state so closely connected with the lives of our Native American population, it was decided that an article should be developed dealing with some of their demographics.

Using the 1900 census as our base, North Dakota had 6,968 Native Americans living in 19 counties. Nearly 95% of them lived in just four counties: Benson, McLean, Rolette, and Sioux. These are the counties that contain the major Indian reservations in our state. By the 1910 census, the Native American population was down to 6,483, a decrease of 7% in the ten-year period. Then by 1920, the Native American population had reached its lowest point in this century with a count of 6,254. The 1930 census showed the first increase in Native American population since 1900 when their count reached 8,354. The rate of increase between 1920 and 1930 was a little more than 33%. Despite the rapid increase in population, the number of counties that Native Americans lived in increased to 25, up only 6 from the 19 counties in 1900. With each succeeding census since 1930, the total Native American population has increased during each decade. The following table provides the increases between census: Note that the numeric increase of Native Americans has been almost doubling every ten years since 1950. Whether that trend will continue will be known with the release of the 1990 census data.

Between 1900 and 1950, Native Americans were never known to exist in more than 19 to 25 counties; but, by the 1960 census, Native Americans were found to be living in 43 counties. The 1970 census showed that the total number of counties with Native Americans was then 50. The increased Native American population could have been the result of a number of factors:

- The out-migration from the reservations.
- The increased birth rate among minorities.
- In-migration from out of state.

The out-migration of Native Americans from the reservations seems to be a logical

CENSUS YEAR	TOTAL POPULATION	NUMERIC INCREASE	PERCENT INCREASE
1920	6,254	----	-----
1930	8,354	2,100	33.6%
1940	10,109	1,755	21.0%
1950	10,724	615	6.1%
1960	11,736	1,012	9.4%
1970	14,369	2,633	22.4%
1980	19,905	5,536	38.5%

and significant factor, considering that the four reservation counties accounted for 95% of all Native Americans in North Dakota in 1900, while by 1980 only 62% of the state's Native Americans resided in reservation counties. The out-migration from reservation counties may be the result of numerous reasons, among them:

- The slow expansion of North Dakota's economy, enticing Native Americans to leave to seek employment.
- The rural-to-urban migration which has been affecting North Dakota's population since 1935, when 70% of the population lived in rural areas. In 1985, the switch occurred in which more North Dakotans were living in urban areas than rural.
- A loss of cultural identity which caused many Native Americans to forget their ethnic heritage.
- The programs of Lyndon Johnson's "Great Society."
- Affirmative Action programs.
- Job training programs.
- A spinoff effect of the Black civil rights movement (more aware and demanding of their civil rights.)

When the Native American population started to expand, a few counties gained a large portion of that growth. The following table provides a list of those counties that gained the largest number of Native Americans.

	POPULATION	
COUNTIES	1900 CENSUS	1980 CENSUS
Burleigh	5	1014
Cass	4	678
Dunn	0	451
Grand Forks	0	688
McKenzie	0	911
Morton	6	123
Mountrail	0	917
Ramsey	2	322
Richland	5	242
Stutsman	2	140
Walsh	0	180
Ward	9	571
Williams	77	736

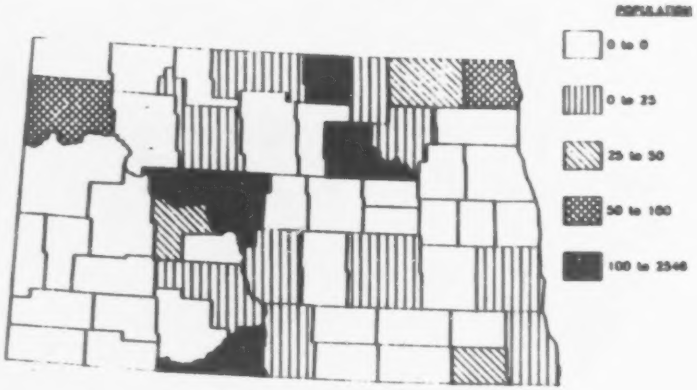
Despite the number of decades showing the intra-state migration of the Native American population, the 1980 census showed Native Americans living in only 48 North Dakota counties. Whether this is a trend or reverse migration is not known at this time and will be looked at thoroughly when the 1990 census data becomes available. If Native Americans are returning to the reservations, some of the possible causes may be:

- A worsening of North Dakota's economy (oil industry, construction, etc.)
- A declining impact of Affirmative Action programs.
- A cultural rebirth creating pride in their heritage.
- Economic development efforts on the reservations.

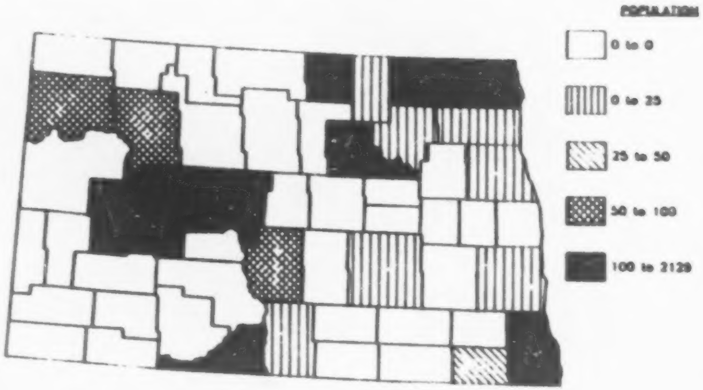
The 1990 census data should help reveal an enormous amount of updated information about our Native American friends. With enough information and continued effort on everyone's part, Native Americans will continue to provide important contributions to North Dakota's future.

Warren Boyd
Research Analyst

NATIVE AMERICAN POPULATION BY COUNTY
1900


POPULATION
0 to 0
0 to 25
25 to 50
50 to 100
100 to 2346

NATIVE AMERICAN POPULATION BY COUNTY
1910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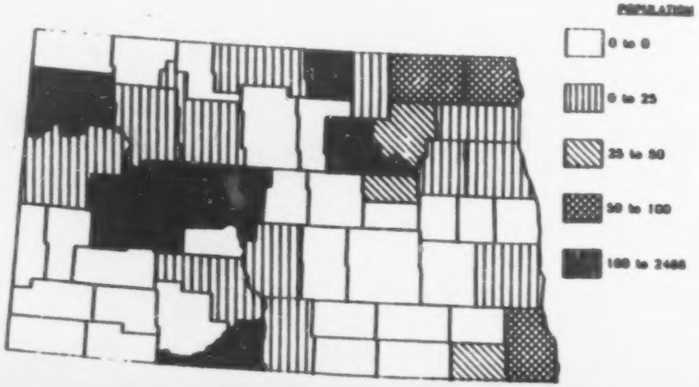
50 to 100
100 to 2129

NATIVE AMERICAN POPULATION BY COUNTY
1920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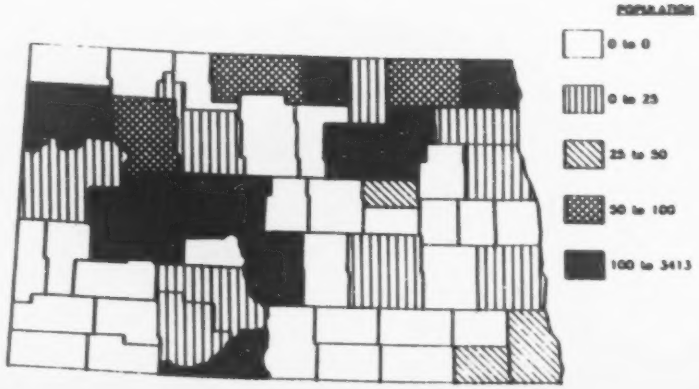
NATIVE AMERICAN POPULATION BY COUNTY
1930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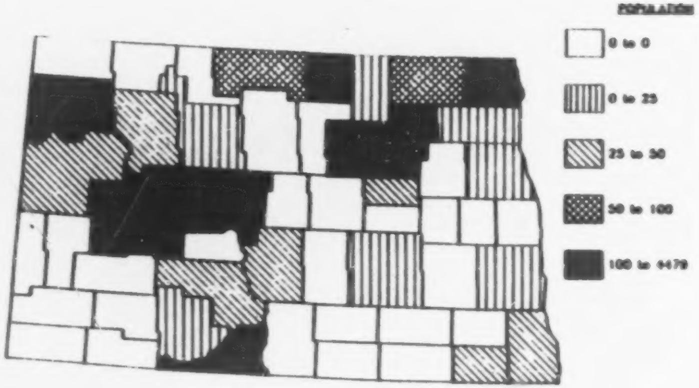
25 to 50
50 to 100
100 to 3413

NATIVE AMERICAN POPULATION BY COUNTY
1940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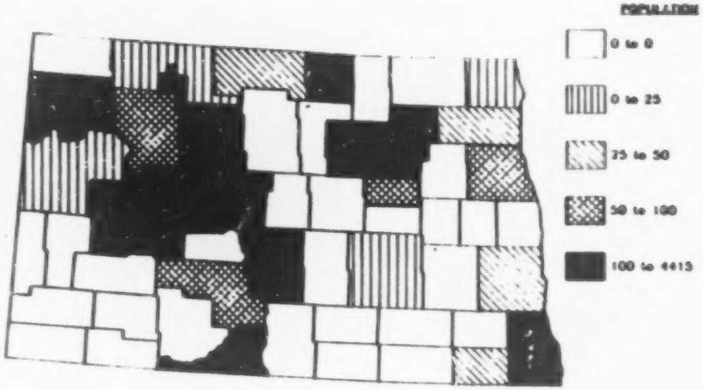
25 to 50
50 to 100
100 to 4479

NATIVE AMERICAN POPULATION BY COUNTY
1950


POPULATION
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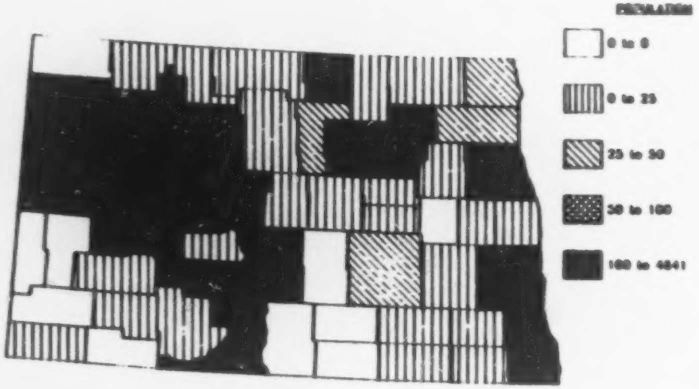
25 to 50
50 to 100
100 to 4413

NATIVE AMERICAN POPULATION BY COUNTY
1960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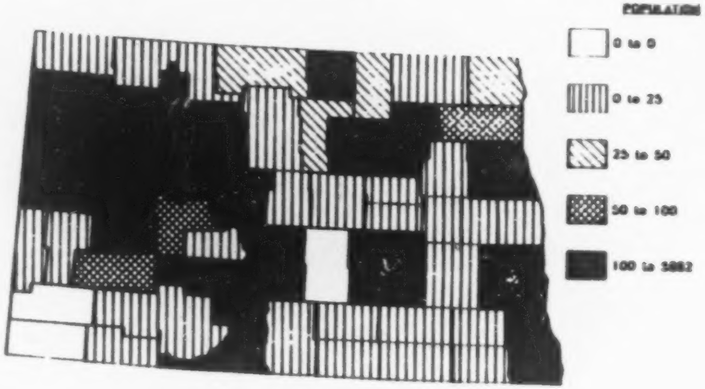
50 to 100
100 to 4841

NATIVE AMERICAN POPULATION BY COUNTY
1970


POPULATION
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0 to 25
25 to 50
50 to 100
100 to 5882

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	May 1990	April 1990	April 1990	May 1989	May 1989
TOTAL	268,850	263,950	1.9%	263,900	1.9%
GOODS PRODUCING	31,550	28,950	9.0%	30,600	3.1%
MINING	3,950	3,800	3.9%	3,900	1.3%
Coal	1,100	1,050	4.8%	1,100	0.0%
Crude Petroleum & Nat. Gas	2,500	2,500	0.0%	2,400	4.2%
Other Mining	350	250	40.0%	400	-12.5%
CONSTRUCTION	10,700	8,250	29.7%	10,600	0.9%
Building Construction	2,600	2,200	18.2%	2,600	0.0%
Street, Highway & Heavy	2,900	1,650	75.8%	3,000	-3.3%
Special Trade Construction	5,200	4,400	18.2%	5,000	4.0%
MANUFACTURING	16,900	16,900	0.0%	16,100	5.0%
Durable Goods	8,850	8,800	0.6%	8,100	9.3%
Primary & Fab. Metals	1,150	1,150	0.0%	1,050	9.5%
Machinery & Trans. Equip	5,300	5,400	-1.9%	4,900	8.2%
Machinery & Electric	3,800	3,800	0.0%	3,500	8.6%
Transportation Equipment	1,500	1,600	-6.3%	1,400	7.1%
Other Durables	2,400	2,250	6.7%	2,150	11.6%
Lumber & Wood	1,100	1,100	0.0%	1,000	10.0%
Misc Durable	1,300	1,150	13.0%	1,150	13.0%
Nondurable Goods	8,050	8,100	-0.6%	8,000	0.6%
Food & Kindred Products	4,050	4,150	-2.4%	4,050	0.0%
Dairy Products	650	650	0.0%	700	-7.1%
Bakery Products	850	900	-5.6%	800	6.3%
Sugar & Confectionary	550	550	0.0%	550	0.0%
Other Foods	2,000	2,050	-2.4%	2,000	0.0%
Printing & Publishing	2,500	2,500	0.0%	2,400	4.2%
Other Nondurable Goods	1,500	1,450	3.4%	1,550	-3.2%
SERVICES PRODUCING	237,300	235,000	1.0%	233,300	1.7%
TRAN, COMM & UTILITIES	17,050	16,900	0.9%	17,100	-0.3%
Transportation	8,650	8,600	0.6%	8,900	-2.8%
Trucking & Warehousing	4,800	4,800	0.0%	5,000	-4.0%
Other Transportation	3,850	3,800	1.3%	3,900	-1.3%
Railroads	1,900	1,850	2.7%	1,900	0.0%
Local & Suburban Transport	900	900	0.0%	950	-5.3%
Water, Air & Pipeline	1,050	1,050	0.0%	1,050	0.0%
Communications	3,600	3,500	2.9%	3,500	2.9%
Utilities	4,800	4,800	0.0%	4,700	2.1%
WHOLESALE TRADE	19,800	19,600	1.0%	20,000	-1.0%
Durable Goods	9,100	9,000	1.1%	9,100	0.0%
Nondurable Goods	10,700	10,600	0.9%	10,900	-1.8%

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	May 1990	April 1990	April 1990	May 1989	May 1989
RETAIL TRADE	51,250	50,350	1.8%	50,500	1.5%
Hardware & Garden	2,400	2,300	4.3%	2,600	-7.7%
General Merchandise	6,300	6,300	0.0%	6,300	0.0%
Food Stores	7,100	7,000	1.4%	7,200	-1.4%
Auto & Service Stations	6,900	6,900	0.0%	6,600	4.5%
Apparel & Accessory	2,700	2,700	0.0%	2,600	3.8%
Furniture Stores	1,650	1,650	0.0%	1,600	3.1%
Eating & Drinking Places	18,700	18,100	3.3%	18,400	1.6%
Misc Retail	5,500	5,400	1.9%	5,200	5.8%
FINANCE, INS & REAL ESTATE	12,450	12,400	0.4%	12,200	2.0%
Finance	6,650	6,650	0.0%	6,550	1.5%
Banking	5,700	5,700	0.0%	5,600	1.8%
Other Finance	950	950	0.0%	950	0.0%
Insurance	3,900	3,900	0.0%	3,850	1.3%
Insurance Underwriters	2,500	2,500	0.0%	2,500	0.0%
Ins. Agents & Brokers	1,400	1,400	0.0%	1,350	3.7%
Real Estate	1,900	1,850	2.7%	1,800	5.6%
SERVICES	68,350	67,950	0.6%	66,200	3.2%
Lodging	4,500	4,400	2.3%	4,400	2.3%
Personal & Business	8,300	8,300	0.0%	7,800	6.4%
Personal Services	3,200	3,300	-3.0%	3,200	0.0%
Business Services	5,100	5,000	2.0%	4,600	10.9%
Recreational Services	2,400	2,200	9.1%	2,700	-11.1%
Health Services	28,200	28,100	0.4%	27,400	2.9%
Nursing & Hospital	20,600	20,500	0.5%	20,100	2.5%
Other Health	7,600	7,600	0.0%	7,300	4.1%
Membership Organizations	8,200	8,200	0.0%	8,200	0.0%
Educational Services	2,700	2,900	-6.9%	2,700	0.0%
Social Services	6,400	6,400	0.0%	5,700	12.3%
Other Services	7,650	7,450	2.7%	7,300	4.8%
Auto & Misc Repair	2,400	2,300	4.3%	2,300	4.3%
Legal Services	1,450	1,450	0.0%	1,400	3.6%
Misc Services	3,800	3,700	2.7%	3,600	5.6%
GOVERNMENT	68,400	67,800	0.9%	67,300	1.6%
Federal	11,200	11,200	0.0%	10,400	7.7%
State & Local	57,200	56,600	1.1%	56,900	0.5%
State Government	20,500	20,400	0.5%	20,400	0.5%
Educational Services	13,300	13,400	-0.7%	13,200	0.8%
Other State Government	7,200	7,000	2.9%	7,200	0.0%
Local Government	36,700	36,200	1.4%	36,500	0.5%
Educational Services	18,600	18,600	0.0%	18,200	2.2%
Other Local Government	18,100	17,600	2.8%	18,300	-1.1%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH May 1990	PREVIOUS MONTH April 1990	% CHANGE FROM April 1990	ONE YEAR AGO May 1989	% CHANGE FROM May 1989
FARGO-MOORHEAD MSA					
TOTAL	77,900	76,850	1.4%	75,900	2.6%
GOODS PRODUCING	9,550	8,850	7.9%	8,900	7.3%
MINING & CONSTRUCTION	3,950	3,300	19.7%	3,650	8.2%
Special Trades	2,100	1,850	13.5%	2,000	5.0%
Other Construction & Mining	1,850	1,450	27.6%	1,650	12.1%
MANUFACTURING	5,600	5,550	0.9%	5,250	6.7%
Durable Goods	2,850	2,750	3.6%	2,550	11.8%
Fabricated Metal & Machinery	1,500	1,500	0.0%	1,300	15.4%
Other Durable Goods	1,350	1,250	8.0%	1,250	8.0%
Nondurable Goods	2,750	2,800	-1.8%	2,700	1.9%
Food & Kindred	1,700	1,750	-2.9%	1,700	0.0%
Other Nondurables	1,050	1,050	0.0%	1,000	5.0%
SERVICES PRODUCING	68,350	68,000	0.5%	67,000	2.0%
TRANS, COMM & UTIL	4,700	4,650	1.1%	4,850	-3.1%
Trucking & Warehousing	1,000	1,000	0.0%	1,000	0.0%
Other Transportation	2,000	2,000	0.0%	2,100	-4.8%
Communications & Utilities	1,700	1,650	3.0%	1,750	-2.9%
WHOLESALE TRADE	6,600	6,600	0.0%	6,700	-1.5%
Durable	3,800	3,800	0.0%	3,700	2.7%
Nondurable	2,800	2,800	0.0%	3,000	-6.7%
RETAIL TRADE	15,100	14,900	1.3%	15,000	0.7%
General Merchandise & Apparel	3,000	3,000	0.0%	2,800	7.1%
Food Stores	1,800	1,800	0.0%	2,000	-10.0%
Auto Dealers & Svc. Stations	1,900	1,900	0.0%	1,700	11.8%
Eating & Drinking Places	5,700	5,600	1.8%	5,700	0.0%
Other Retail	2,700	2,600	3.8%	2,800	-3.6%
FINANCE, INS & R E	4,600	4,600	0.0%	4,450	3.4%
Finance	2,100	2,100	0.0%	2,000	5.0%
Insurance Carriers	1,450	1,450	0.0%	1,450	0.0%
Other Fin, Ins. & R.Estate	1,050	1,050	0.0%	1,000	5.0%
SERVICES	22,200	22,100	0.5%	21,150	5.0%
Lodging	1,400	1,400	0.0%	1,350	3.7%
Personal & Business	3,600	3,600	0.0%	3,500	2.9%
Recreation & Amusement	900	850	5.9%	950	-5.3%
Health Services	8,000	7,900	1.3%	7,600	5.3%
Educational Services	2,300	2,300	0.0%	2,200	4.5%
Social Services	1,750	1,750	0.0%	1,600	9.4%
Membership Services	1,450	1,500	-3.3%	1,450	0.0%
Other Services	2,800	2,800	0.0%	2,500	12.0%
GOVERNMENT	15,150	15,150	0.0%	14,850	2.0%
Federal	2,400	2,400	0.0%	2,200	9.1%
State	6,250	6,250	0.0%	6,150	1.6%
State School	5,700	5,700	0.0%	5,600	1.8%
Other State	550	550	0.0%	550	0.0%
Local	6,500	6,500	0.0%	6,500	0.0%
Local School	4,000	4,000	0.0%	4,000	0.0%
Other Local	2,500	2,500	0.0%	2,500	0.0%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	May 1990	April 1990	April 1990	May 1989	May 1989
GRAND FORKS MSA					
TOTAL	32,450	31,850	1.9%	31,650	2.5%
GOODS PRODUCING	2,800	2,600	7.7%	3,100	-9.7%
MINING & CONSTRUCTION	1,300	1,050	23.8%	1,350	-3.7%
MANUFACTURING	1,500	1,550	-3.2%	1,750	-14.3%
Durable Goods	500	550	-9.1%	550	-9.1%
Nondurable Goods	1,000	1,000	0.0%	1,200	-16.7%
SERVICES PRODUCING	29,650	29,250	1.4%	28,550	3.9%
TRANS, COMM. & UTIL.	1,650	1,700	-2.9%	1,650	0.0%
Transportation	1,000	1,050	-4.8%	1,000	0.0%
Communications & Utilities	650	650	0.0%	650	0.0%
WHOLESALE TRADE	1,700	1,650	3.0%	1,550	9.7%
RETAIL TRADE	7,750	7,650	1.3%	7,300	6.2%
General Merchandise & Apparel	1,850	1,850	0.0%	1,800	2.8%
Eating & Drinking Places	2,900	2,900	0.0%	2,700	7.4%
Other Retail	3,000	2,900	3.4%	2,800	7.1%
FINANCE, INS. & R E	1,200	1,200	0.0%	1,150	4.3%
SERVICES	7,350	7,150	2.8%	7,150	2.8%
Personal & Business	950	950	0.0%	850	11.8%
Health	2,900	2,800	3.6%	2,900	0.0%
Other Services	3,500	3,400	2.9%	3,400	2.9%
GOVERNMENT	10,000	9,900	1.0%	9,750	2.6%
Federal	1,550	1,500	3.3%	1,500	3.3%
State	5,900	5,850	0.9%	5,850	0.9%
State School	5,400	5,400	0.0%	5,400	0.0%
Other State	500	450	11.1%	450	11.1%
Local	2,550	2,550	0.0%	2,400	6.3%
Local School	1,350	1,350	0.0%	1,300	3.8%
Other Local	1,200	1,200	0.0%	1,100	9.1%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	May 1990	April 1990	April 1990	May 1989	May 1989
BISMARCK MSA					
TOTAL	40,850	39,700	2.9%	39,600	3.2%
GOODS PRODUCING	4,400	3,750	17.3%	4,250	3.5%
MINING & CONSTRUCTION	2,100	1,550	35.5%	2,100	0.0%
MANUFACTURING	2,300	2,200	4.5%	2,150	7.0%
Durable Goods	1,000	950	5.3%	900	11.1%
Nondurable Goods	1,300	1,250	4.0%	1,250	4.0%
SERVICES PRODUCING	36,450	35,950	1.4%	35,350	3.1%
TRANS, COMM. & UTIL.	3,000	3,000	0.0%	2,800	7.1%
Transportation	1,250	1,250	0.0%	1,200	4.2%
Communications & Utilities	1,750	1,750	0.0%	1,600	9.4%
WHOLESALE TRADE	2,400	2,300	4.3%	2,300	4.3%
RETAIL TRADE	8,100	7,900	2.5%	8,150	-0.6%
General Merchandise & Apparel	1,650	1,600	3.1%	1,650	0.0%
Food Stores	1,050	1,050	0.0%	1,000	5.0%
Auto Dealers & Svc. Stations	1,050	1,050	0.0%	1,150	-8.7%
Eating & Drinking Places	2,700	2,600	3.8%	2,700	0.0%
Other Retail	1,650	1,600	3.1%	1,650	0.0%
FINANCE, INS. & R E	1,500	1,500	0.0%	1,500	0.0%
SERVICES	12,100	12,100	0.0%	11,650	3.9%
Lodging	900	900	0.0%	1,000	-10.0%
Personal & Business	1,450	1,450	0.0%	1,350	7.4%
Health Services	5,000	4,900	2.0%	4,600	8.7%
Educational Services	600	850	-29.4%	600	0.0%
Social Services	1,200	1,150	4.3%	1,100	9.1%
Membership Services	1,150	1,150	0.0%	1,250	-8.0%
Other Services	1,800	1,700	5.9%	1,750	2.9%
GOVERNMENT	9,350	9,150	2.2%	8,950	4.5%
Federal	1,300	1,300	0.0%	1,200	8.3%
State	4,150	4,050	2.5%	4,000	3.8%
State Schools	350	350	0.0%	300	16.7%
Other State	3,800	3,700	2.7%	3,700	2.7%
Local	3,900	3,800	2.6%	3,750	4.0%
Local Schools	2,200	2,100	4.8%	2,100	4.8%
Other Local	1,700	1,700	0.0%	1,650	3.0%

LABOR FORCE

NORTH DAKOTA AND MSA'S

	CURRENT MONTH MAY 1990	PREVIOUS MONTH APRIL 1990	% CHANGE FROM APRIL 1990	ONE YEAR AGO MAY 1989	% CHANGE FROM MAY 1989
UNITED STATES					
(In Thousands)					
Labor Force	126,642	126,543	0.1%	125,224	1.1%
Employment	119,989	119,773	0.2%	118,805	1.0%
Unemployment	6,653	6,770	-1.7%	6,419	3.6%
Unemployment Rate	5.3%	5.3%	xxx	5.1%	xxx
NORTH DAKOTA					
Labor Force	327,230	325,600	0.5%	334,350	-2.1%
Employment	315,000	312,520	0.8%	322,620	-2.4%
Unemployment	12,230	13,080	-6.5%	11,730	4.3%
Unemployment Rate	3.7%	4.0%	xxx	3.5%	xxx
FARGO-MOORHEAD MSA					
Labor Force	87,780	87,710	0.1%	88,020	-0.3%
Employment	85,510	84,900	0.7%	85,820	-0.4%
Unemployment	2,270	2,810	-19.2%	2,200	3.2%
Unemployment Rate	2.6%	3.2%	xxx	2.5%	xxx
GRAND FORKS MSA					
Labor Force	36,500	36,450	0.1%	37,200	-1.9%
Employment	35,160	35,140	0.1%	35,940	-2.2%
Unemployment	1,340	1,310	2.3%	1,260	6.3%
Unemployment Rate	3.7%	3.6%	xxx	3.4%	xxx
BISMARCK MSA					
Labor Force	47,310	47,160	0.3%	48,290	-2.0%
Employment	45,700	45,440	0.6%	46,690	-2.1%
Unemployment	1,610	1,720	-6.4%	1,600	0.6%
Unemployment Rate	3.4%	3.7%	xxx	3.3%	xxx

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.
The Bismarck MSA includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
APRIL 1990

	NORTH DAKOTA	MINNESOTA	SOUTH DAKOTA	MONTANA
Labor Force	325.6	2,329.3	361.3	409.8
Employment	312.5	2,203.6	348.1	387.1
Unemployment	13.1	125.7	13.2	22.7
Unemployment Rate	4.0%	5.4%	3.7%	5.5%

UNITED STATES

MANUFACTURING HOURS AND EARNINGS

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
INDUSTRY	MAY 1990	APRIL 1990	MAY 1989	MAY 1990	APRIL 1990	MAY 1989	MAY 1990	APRIL 1990	MAY 1989
MANUFACTURING	441.46	427.45	426.18	40.8	39.8	40.9	10.82	10.74	10.42
Durable Goods	471.33	452.17	454.01	41.6	40.3	41.5	11.33	11.22	10.94
Nondurable Goods	404.00	394.74	387.20	40.0	39.2	40.0	10.10	10.07	9.68

NORTH DAKOTA

MANUFACTURING HOURS AND EARNINGS

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
INDUSTRY	May 1990	April 1990	May 1989	May 1990	April 1990	May 1989	May 1990	April 1990	May 1989
MANUFACTURING	366.53	350.66	355.20	40.5	39.4	40.0	9.05	8.90	8.88
Durable Goods	386.32	379.22	378.48	41.9	41.4	42.1	9.22	9.16	8.99
Nondurable Goods	341.83	314.27	328.62	38.8	36.8	37.6	8.81	8.54	8.74
Food & Kindred	336.04	320.19	337.33	40.1	38.3	39.5	8.38	8.36	8.54

FARGO-MOORHEAD MSA

MANUFACTURING HOURS AND EARNINGS

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
INDUSTRY	May 1990	April 1990	May 1989	May 1990	April 1990	May 1989	May 1990	April 1990	May 1989
MANUFACTURING	341.62	329.15	344.96	38.0	36.9	37.7	8.99	8.92	9.15
Durable Goods	330.22	320.78	323.53	38.0	37.3	38.7	8.69	8.60	8.36
Nondurable Goods	354.16	338.36	366.00	38.0	36.5	36.6	9.32	9.27	10.00

U. S. CONSUMER PRICE INDEX

ALL URBAN CONSUMERS

(1982-84=100)

ITEM	ANNUAL AVERAGE 1989	MAY 1990	APRIL 1990	Percent Change From APRIL 1990	MAY 1989	Percent Change From MAY 1989
All Items	124.0	129.2	128.9	0.2%	123.8	4.4%
Food & Beverage	124.9	131.1	131.0	0.1%	124.7	5.1%
Housing	123.0	127.1	126.8	0.2%	122.1	4.1%
Apperel & Upkeep	118.6	125.5	126.7	-0.9%	120.4	4.2%
Transportation	114.1	117.7	117.3	0.3%	116.0	1.5%
Medical Care	149.3	160.8	159.8	0.6%	147.5	9.0%
Entertainment	126.5	131.7	131.4	0.2%	125.5	4.9%
All Other	147.7	156.6	155.8	0.5%	145.4	7.7%

PRODUCER PRICE INDEX

UNITED STATES AVERAGE

ITEM	ANNUAL AVERAGE 1989	MAY 1990	APRIL 1990	Percent Change From APRIL 1990	MAY 1989	Percent Change From MAY 1989
All Commodities	112.2	114.5	114.0	0.4%	113.2	1.1%
Farm Products & Processed Foods and Feeds	115.3	120.2	118.4	1.5%	116.8	2.9%
Industrial Commodities	111.6	113.3	113.1	0.2%	112.4	0.8%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	MAY'90	APR'90	MAY'89	MAY'90	APR'90	MAY'89	MAY'90	APR'90	MAY'89	MAY'90	APR'90	MAY'89
Divide	1,384	1,408	1,436	1,373	1,389	1,403	11	19	33	0.8%	1.3%	2.3%
McKenzie	2,787	2,673	2,911	2,709	2,608	2,835	78	65	76	2.8%	2.4%	2.6%
Williams	11,135	11,202	11,091	10,717	10,771	10,678	418	431	413	3.8%	3.8%	3.7%
REGION 1	15,306	15,283	15,438	14,799	14,768	14,916	507	515	522	3.3%	3.4%	3.4%
Bottineau	3,330	3,281	3,440	3,167	3,096	3,284	163	185	156	4.9%	5.6%	4.5%
Burke	1,239	1,195	1,347	1,178	1,140	1,294	61	55	53	4.9%	4.6%	3.9%
McHenry	2,540	2,609	2,590	2,302	2,293	2,350	238	316	240	9.4%	12.1%	9.3%
Mountrail	3,290	3,290	3,349	3,118	3,082	3,157	172	208	192	5.2%	6.3%	5.7%
Pierce	2,648	2,619	2,573	2,562	2,536	2,509	86	83	64	3.2%	3.2%	2.5%
Renville	1,164	1,137	1,233	1,135	1,096	1,186	29	41	47	2.5%	3.6%	3.8%
Ward	25,014	24,957	26,182	23,952	23,778	25,146	1,062	1,179	1,036	4.2%	4.7%	4.0%
REGION 2	39,225	39,088	40,714	37,414	37,021	38,926	1,811	2,067	1,788	4.6%	5.3%	4.4%
Benson	2,797	2,756	3,182	2,517	2,443	2,953	280	313	229	10.0%	11.4%	7.2%
Cavalier	2,623	2,565	2,710	2,486	2,410	2,566	137	155	144	5.2%	6.0%	5.3%
Eddy	1,472	1,405	1,466	1,361	1,296	1,390	111	109	76	7.5%	7.8%	5.2%
Ramsey	6,801	6,841	6,818	6,598	6,568	6,589	203	273	229	3.0%	4.0%	3.4%
Rolette	4,333	4,296	4,661	3,708	3,723	4,046	625	573	615	14.4%	13.3%	13.2%
Towner	1,741	1,784	1,733	1,706	1,737	1,700	35	47	33	2.0%	2.6%	1.9%
REGION 3	19,767	19,647	20,570	18,376	18,177	19,244	1,391	1,470	1,326	7.0%	7.5%	6.4%
Grand Forks	36,498	36,450	37,204	35,156	35,144	35,944	1,342	1,306	1,260	3.7%	3.6%	3.4%
Nelson	1,969	1,949	1,978	1,898	1,872	1,903	71	77	75	3.6%	4.0%	3.8%
Pembina	5,122	4,985	5,312	4,701	4,553	4,914	421	432	398	8.2%	8.7%	7.5%
Walsh	7,723	7,642	7,834	7,366	7,290	7,499	357	352	335	4.6%	4.6%	4.3%
REGION 4	51,312	51,026	52,328	49,121	48,859	50,260	2,191	2,167	2,068	4.3%	4.2%	4.0%
Cass	62,115	62,114	63,069	60,777	60,715	61,939	1,338	1,399	1,130	2.2%	2.3%	1.8%
Ransom	2,627	2,607	2,742	2,555	2,521	2,687	72	86	55	2.7%	3.3%	2.0%
Richland	8,660	8,581	8,548	8,386	8,313	8,299	274	268	249	3.2%	3.1%	2.9%
Sargent	2,815	2,706	2,753	2,770	2,661	2,689	45	45	64	1.6%	1.7%	2.3%
Steele	1,102	1,068	1,151	1,070	1,028	1,113	32	40	38	2.9%	3.7%	3.3%
Traill	4,294	4,256	4,330	4,141	4,068	4,173	153	188	157	3.6%	4.4%	3.6%
REGION 5	81,613	81,332	82,593	79,699	79,306	80,900	1,914	2,026	1,693	2.3%	2.5%	2.0%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	MAY'90	APR'90	MAY'89	MAY'90	APR'90	MAY'89	MAY'90	APR'90	MAY'89	MAY'90	APR'90	MAY'89
Barnes	5,799	5,846	5,836	5,642	5,653	5,648	157	193	188	2.7%	3.3%	3.2%
Dickey	3,136	3,134	3,137	3,062	3,062	3,056	74	72	81	2.4%	2.3%	2.6%
Foster	2,249	2,184	2,259	2,154	2,084	2,193	95	100	66	4.2%	4.6%	2.9%
Griggs	1,592	1,584	1,616	1,547	1,523	1,565	45	61	51	2.8%	3.9%	3.2%
La Moure	2,280	2,259	2,366	2,206	2,167	2,301	74	92	65	3.2%	4.1%	2.7%
Logan	1,443	1,426	1,480	1,388	1,387	1,448	55	39	32	3.8%	2.7%	2.2%
McIntosh	2,247	2,248	2,258	2,222	2,205	2,224	25	43	34	1.1%	1.9%	1.5%
Stutsman	11,940	11,947	12,100	11,556	11,503	11,741	384	444	359	3.2%	3.7%	3.0%
Wells	2,693	2,717	2,838	2,512	2,494	2,674	181	223	164	6.7%	8.2%	5.8%
REGION 6	33,379	33,345	33,890	32,289	32,078	32,850	1,090	1,267	1,040	3.3%	3.8%	3.1%
Burleigh	34,699	34,492	35,395	33,533	33,347	34,260	1,166	1,145	1,135	3.4%	3.3%	3.2%
Emmons	2,115	2,090	2,169	2,024	1,990	2,093	91	100	76	4.3%	4.8%	3.5%
Grant	1,817	1,761	1,868	1,752	1,713	1,808	65	48	60	3.6%	2.7%	3.2%
Kidder	1,527	1,531	1,554	1,407	1,376	1,456	120	155	98	7.9%	10.1%	6.3%
McLean	4,395	4,152	4,647	4,152	3,913	4,460	243	239	187	5.5%	5.8%	4.0%
Mercer	5,838	5,701	5,814	5,528	5,392	5,578	310	309	236	5.3%	5.4%	4.1%
Morton	12,603	12,674	12,896	12,163	12,096	12,427	440	578	469	3.5%	4.6%	3.6%
Oliver	1,152	1,045	1,201	1,107	1,001	1,162	45	44	39	3.9%	4.2%	3.2%
Sheridan	1,088	1,095	1,172	1,047	1,024	1,120	41	71	52	3.8%	6.5%	4.4%
Sioux	1,009	1,022	1,161	889	902	1,010	120	120	151	11.9%	11.7%	13.0%
REGION 7	66,243	65,563	67,877	63,602	62,754	65,374	2,641	2,809	2,503	4.0%	4.3%	3.7%
Adams	1,685	1,662	1,685	1,659	1,631	1,644	26	31	41	1.5%	1.9%	2.4%
Billings	671	585	767	645	545	742	26	40	25	3.9%	6.8%	3.3%
Bowman	2,004	2,031	2,118	1,969	1,984	2,068	35	47	50	1.7%	2.3%	2.4%
Dunn	1,728	1,661	1,743	1,659	1,562	1,627	69	99	116	4.0%	6.0%	6.7%
Gldn Valley	1,015	982	1,080	998	963	1,051	17	19	29	1.7%	1.9%	2.7%
Hettinger	1,745	1,749	1,776	1,668	1,680	1,725	77	69	51	4.4%	3.9%	2.9%
Slope	428	419	444	405	394	421	23	25	23	5.4%	6.0%	5.2%
Stark	11,112	11,229	11,335	10,699	10,801	10,880	413	428	455	3.7%	3.8%	4.0%
REGION 8	20,388	20,318	20,948	19,702	19,560	20,158	686	758	790	3.4%	3.7%	3.8%
STATE TOTALS	327,232	325,596	334,351	315,003	312,521	322,624	12,229	13,075	11,727	3.7%	4.0%	3.5%

DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

FARGO
1350 32nd Street South
Phone: 237-7113

JAMESTOWN
429 2nd Street Southwest
Phone: 251-2256

BEULAH
119 East Main
Phone: 873-5607

DEVILS LAKE
301 South College Drive
Phone: 662- 2181

GRAND FORKS
2016 South Washington
Phone: 777-3711

MANDAN
501 1st Street Northwest
Phone: 663-6461

ROLLA
103 East Main
Phone: 477-5631

UND - GRAND FORKS
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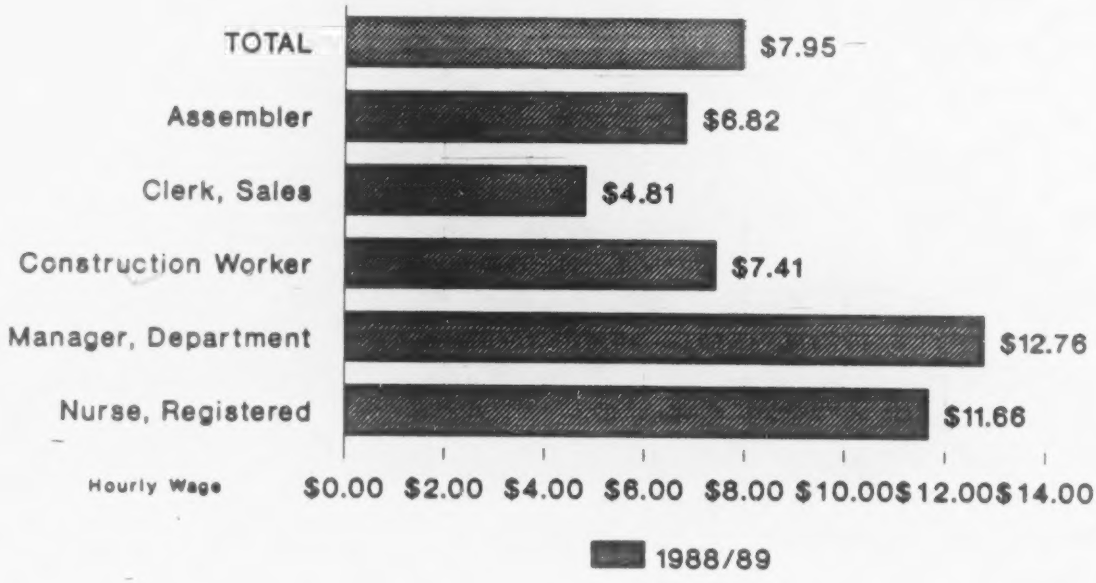
June, 1990

Volume 6, Number 6

JOB
SERVICE
North Dakota

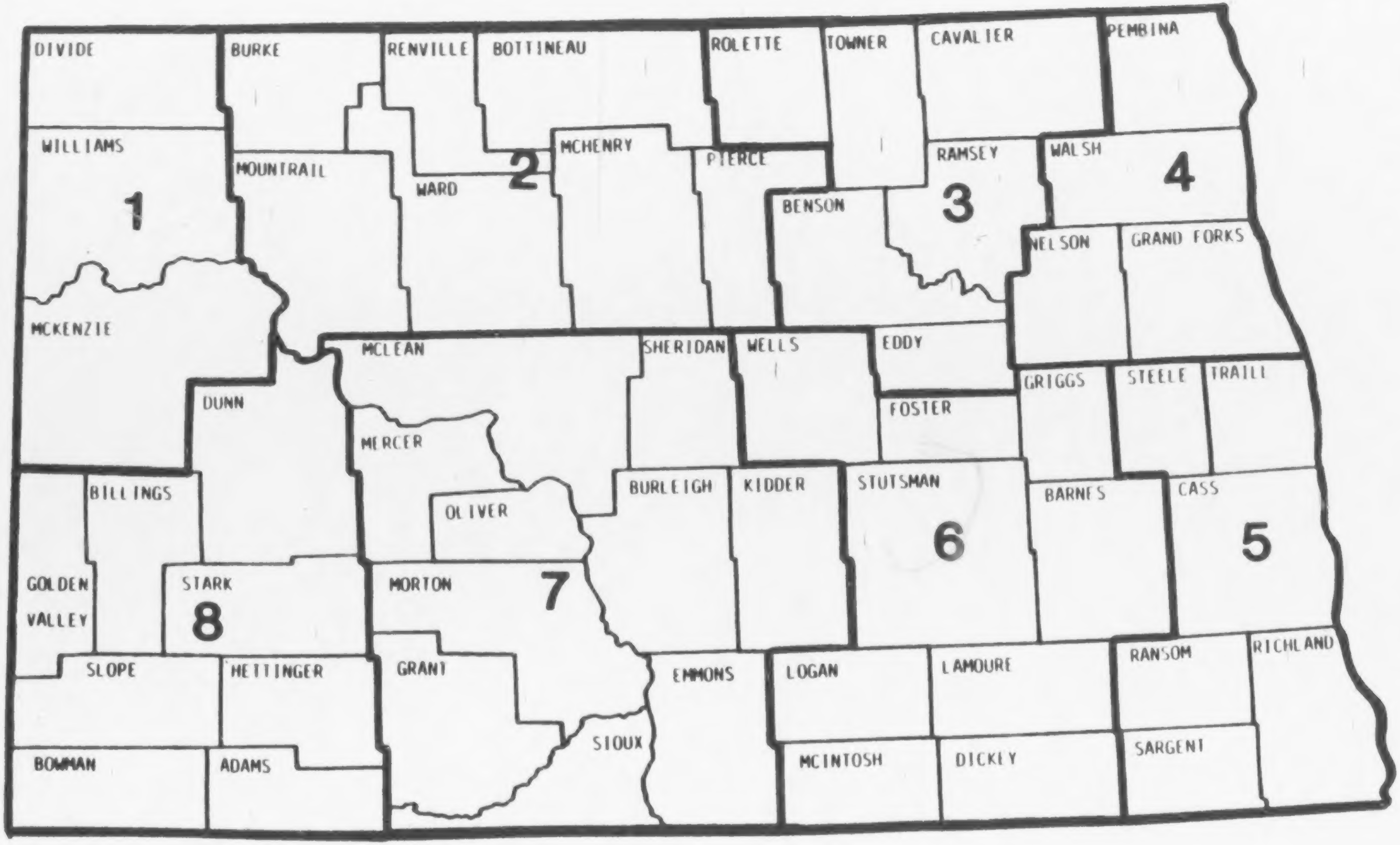
The North Dakota Labor Market Advisor

NORTH DAKOTA
AVERAGE WAGE BY OCCUPATION
BASED ON 1988/89 WAGE & BENEFIT SURVEY



NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.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THE
NORTH DAKOTA
LABOR MARKET ADVISOR

June, 1990

GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

Micheal V. Deisz
Executive Director

A Monthly Publication Prepared by
Research and Statistics
Tom Pederson, Chief (701) 224-2868

North Dakota Wage and Benefit Surveys

Since 1984, Job Service North Dakota has been conducting wage and benefit surveys on a two-year rotating basis. Following is a list of the areas that have been surveyed in the last two years, along with the publication date for each of the surveys.

Devils Lake 1988	September 1988
Jamestown 1988	November 1988
Valley City 1988	December 1988

Grand Forks 1989	April 1989
Bismarck-Mandan 1989	May 1989
Rolette County 1989	June 1989
Wahpeton 1989	July 1989
Mercer County 1989	August 1989
Fargo-West Fargo 1989	November 1989

Grafton 1990	January 1990
Williston 1990	May 1990
Minot 1990	June 1990
Dickinson 1990	July 1990

The purpose of these surveys is to gather sufficient data to publish the wages and benefits offered by area employers. In each area, approximately 40 percent of the employers are selected for the survey and of those, 60 percent respond to the questionnaire. The survey consists of:

1) a series of questions concerning employers' practices with regards to benefits provided; and

2) a list of about 200 occupations for which the employers are asked to report the wage ranges for employees they have that work in any of those occupations.

The raw wage and benefit data is then reviewed for consistency and completeness. Weighted averages are calculated for the various data types. Every year, all survey data from the previous two years is compiled and a statewide wage and benefit survey is published. The last statewide survey was released in February, 1990.

As the title implies, there are two types of data collected. Benefit data deals with subjects such as amount of vacation time given, sick days and holidays provided, and types of insurance plans provided (life, medical, dental and retirement) and the percentage of employer contribution for each. Recently, questions concerning day care assistance and maternity leave have been included, as these issues have become more important to people in the labor force. Wage data is collected for about 200 occupations. The wage data is combined by occupation for all industries and is also broken down by major industry group. To help preserve the confidentiality of the survey respondents, data is only published for occupations that have been reported by three (3) or more employers.

There are many people who find uses for the wage and benefit data. Most of the inquiries for the data come from employers. They use it for comparison purposes, to determine how their employee compensation plans compare to those offered by other employers in their area. Wage and benefit data is also used by employers to develop starting wages for new employees and to establish wage and benefit levels during contract and other negotiations. Conversely, employees also use this data to determine if they are receiving just compensation for their efforts. Many economic development groups also use the data in recruiting out-of-state firms interested in locating business in our state. The data can offer guidelines as to salary levels required by our labor force. School guidance counselors also use the information during career counseling, as do students in setting their career goals. Wage and benefit data is also used by rehabilitation counselors in discovering new career opportunities for clients.

Since its inception, the wage and benefit survey has been modified several times, and will continue to be changed as the requirements of our users change. Just recently, a system of determining sample size has been implemented which will obtain a measurable error level, thereby making the data more comparable over time. Also, the list of occupations surveyed continually changes with obsolete occupations being removed and emerging occupations being added.

If users of this data would like to see certain occupations in future surveys, they should call the Research and Statistics Section. Suggested occupations will be reviewed to see if enough firms have employment in those occupations in order to meet the confidentiality requirements. Additionally, if you would like more information about the wage and benefit survey, or if you would like to receive copies of the surveys, please call toll-free in North Dakota 1-800-732-9787, or in Bismarck-Mandan or out of state, please call (701)224-2399.

Lynda Kingsley
Research Analyst

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

1

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	June 1990	May 1990	May 1990	June 1989	June 1989
TOTAL	269,000	269,200	-0.1%	265,450	1.3%
GOODS PRODUCING	33,200	31,550	5.2%	32,300	2.8%
MINING	4,150	3,950	5.1%	4,150	0.0%
Coal	1,050	1,050	0.0%	1,100	-4.5%
Crude Petroleum & Nat. Gas	2,600	2,500	4.0%	2,500	4.0%
Other Mining	500	400	25.0%	550	-9.1%
CONSTRUCTION	11,800	10,700	10.3%	11,600	1.7%
Building Construction	3,000	2,600	15.4%	2,900	3.4%
Street, Highway & Heavy	3,200	2,900	10.3%	3,200	0.0%
Special Trade Construction	5,600	5,200	7.7%	5,500	1.8%
MANUFACTURING	17,250	16,900	2.1%	16,550	4.2%
Durable Goods	8,950	8,850	1.1%	8,300	7.8%
Primary & Fab. Metals	1,200	1,150	4.3%	1,050	14.3%
Machinery & Trans. Equip	5,300	5,300	0.0%	4,950	7.1%
Machinery & Electric	3,800	3,800	0.0%	3,600	5.6%
Transportation Equipment	1,500	1,500	0.0%	1,350	11.1%
Other Durables	2,450	2,400	2.1%	2,300	6.5%
Lumber & Wood	1,100	1,100	0.0%	1,050	4.8%
Misc Durable	1,350	1,300	3.8%	1,250	8.0%
Nondurable Goods	8,300	8,050	3.1%	8,250	0.6%
Food & Kindred Products	4,150	4,050	2.5%	4,150	0.0%
Dairy Products	700	650	7.7%	750	-6.7%
Bakery Products	950	850	11.8%	800	18.8%
Sugar & Confectionary	550	550	0.0%	550	0.0%
Other Foods	1,950	2,000	-2.5%	2,050	-4.9%
Printing & Publishing	2,600	2,500	4.0%	2,500	4.0%
Other Nondurable Goods	1,550	1,500	3.3%	1,600	-3.1%
SERVICES PRODUCING	235,800	237,650	-0.8%	233,150	1.1%
TRAN, COMM & UTILITIES	17,200	17,100	0.6%	17,250	-0.3%
Transportation	8,700	8,700	0.0%	8,850	-1.7%
Trucking & Warehousing	4,900	4,800	2.1%	5,100	-3.9%
Other Transportation	3,800	3,900	-2.6%	3,750	1.3%
Railroads	1,950	1,900	2.6%	1,900	2.6%
Local & Suburban Transport	750	950	-21.1%	800	-6.3%
Water, Air & Pipeline	1,100	1,050	4.8%	1,050	4.8%
Communications	3,600	3,600	0.0%	3,600	0.0%
Utilities	4,900	4,800	2.1%	4,800	2.1%
WHOLESALE TRADE	19,800	19,800	0.0%	20,100	-1.5%
Durable Goods	9,100	9,100	0.0%	9,300	-2.2%
Nondurable Goods	10,700	10,700	0.0%	10,800	-0.9%

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	June 1990	May 1990	May 1990	June 1989	June 1989
RETAIL TRADE	51,450	51,250	0.4%	51,150	0.6%
Hardware & Garden	2,500	2,400	4.2%	2,700	-7.4%
General Merchandise	6,200	6,300	-1.6%	6,200	0.0%
Food Stores	7,100	7,100	0.0%	7,300	-2.7%
Auto & Service Stations	7,000	6,900	1.4%	6,800	2.9%
Apparel & Accessory	2,700	2,700	0.0%	2,600	3.8%
Furniture Stores	1,650	1,650	0.0%	1,650	0.0%
Eating & Drinking Places	18,800	18,700	0.5%	18,700	0.5%
Misc Retail	5,500	5,500	0.0%	5,200	5.8%
FINANCE,INS & REAL ESTATE	12,450	12,450	0.0%	12,400	0.4%
Finance	6,650	6,650	0.0%	6,700	-0.7%
Banking	5,700	5,700	0.0%	5,700	0.0%
Other Finance	950	950	0.0%	1,000	-5.0%
Insurance	3,900	3,900	0.0%	3,850	1.3%
Insurance Underwriters	2,500	2,500	0.0%	2,500	0.0%
Ins. Agents & Brokers	1,400	1,400	0.0%	1,350	3.7%
Real Estate	1,900	1,900	0.0%	1,850	2.7%
SERVICES	68,600	68,550	0.1%	66,650	2.9%
Lodging	4,500	4,500	0.0%	4,400	2.3%
Personal & Business	8,300	8,300	0.0%	7,800	6.4%
Personal Services	3,200	3,200	0.0%	3,100	3.2%
Business Services	5,100	5,100	0.0%	4,700	8.5%
Recreational Services	2,700	2,500	8.0%	2,900	-6.9%
Health Services	28,300	28,300	0.0%	27,800	1.8%
Nursing & Hospital	20,700	20,700	0.0%	20,300	2.0%
Other Health	7,600	7,600	0.0%	7,500	1.3%
Membership Organizations	8,200	8,200	0.0%	8,200	0.0%
Educational Services	2,300	2,700	-14.8%	2,400	-4.2%
Social Services	6,500	6,400	1.6%	5,700	14.0%
Other Services	7,800	7,650	2.0%	7,450	4.7%
Auto & Misc Repair	2,400	2,400	0.0%	2,300	4.3%
Legal Services	1,500	1,450	3.4%	1,450	3.4%
Misc Services	3,900	3,800	2.6%	3,700	5.4%
GOVERNMENT	66,300	68,500	-3.2%	65,600	1.1%
Federal	10,900	11,200	-2.7%	10,500	3.8%
State & Local	55,400	57,300	-3.3%	55,100	0.5%
State Government	18,700	20,500	-8.8%	18,800	-0.5%
Educational Services	11,400	13,300	-14.3%	11,300	0.9%
Other State Government	7,300	7,200	1.4%	7,500	-2.7%
Local Government	36,700	36,800	-0.3%	36,300	1.1%
Educational Services	16,500	18,700	-11.8%	16,100	2.5%
Other Local Government	20,200	18,100	11.6%	20,200	0.0%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

2

INDUSTRIES	CURRENT MONTH June 1990	PREVIOUS MONTH May 1990	% CHANGE FROM May 1990	ONE YEAR AGO June 1989	% CHANGE FROM June 1989
FARGO-MOORHEAD MSA					
TOTAL	77,600	78,000	-0.5%	75,300	3.1%
GOODS PRODUCING	10,350	9,550	8.4%	9,650	7.3%
MINING & CONSTRUCTION	4,600	3,950	16.5%	4,300	7.0%
Special Trades	2,300	2,100	9.5%	2,200	4.5%
Other Construction & Mining	2,300	1,850	24.3%	2,100	9.5%
MANUFACTURING	5,750	5,600	2.7%	5,350	7.5%
Durable Goods	2,850	2,850	0.0%	2,600	9.6%
Fabricated Metal & Machinery	1,500	1,500	0.0%	1,350	11.1%
Other Durable Goods	1,350	1,350	0.0%	1,250	8.0%
Nondurable Goods	2,900	2,750	5.5%	2,750	5.5%
Food & Kindred	1,800	1,700	5.9%	1,700	5.9%
Other Nondurables	1,100	1,050	4.8%	1,050	4.8%
SERVICES PRODUCING	67,250	68,450	-1.8%	65,650	2.4%
TRANS, COMM & UTIL	4,800	4,800	0.0%	4,850	-1.0%
Trucking & Warehousing	1,000	1,000	0.0%	950	5.3%
Other Transportation	2,100	2,100	0.0%	2,100	0.0%
Communications & Utilities	1,700	1,700	0.0%	1,800	-5.6%
WHOLESALE TRADE	6,700	6,600	1.5%	6,900	-2.9%
Durable	3,900	3,800	2.6%	3,900	0.0%
Nondurable	2,800	2,800	0.0%	3,000	-6.7%
RETAIL TRADE	15,000	15,100	-0.7%	15,000	0.0%
General Merchandise & Apparel	2,900	3,000	-3.3%	2,800	3.6%
Food Stores	1,800	1,800	0.0%	2,000	-10.0%
Auto Dealers & Svc. Stations	1,900	1,900	0.0%	1,700	11.8%
Eating & Drinking Places	5,700	5,700	0.0%	5,700	0.0%
Other Retail	2,700	2,700	0.0%	2,800	-3.6%
FINANCE, INS & R E	4,600	4,600	0.0%	4,500	2.2%
Finance	2,100	2,100	0.0%	2,000	5.0%
Insurance Carriers	1,450	1,450	0.0%	1,450	0.0%
Other Fin, Ins. & R.Estate	1,050	1,050	0.0%	1,050	0.0%
SERVICES	21,300	22,200	-4.1%	20,350	4.7%
Lodging	1,350	1,400	-3.6%	1,300	3.8%
Personal & Business	3,600	3,600	0.0%	3,500	2.9%
Recreation & Amusement	850	900	-5.6%	950	-10.5%
Health Services	8,100	8,000	1.3%	7,700	5.2%
Educational Services	1,400	2,300	-39.1%	1,300	7.7%
Social Services	1,750	1,750	0.0%	1,550	12.9%
Membership Services	1,450	1,450	0.0%	1,450	0.0%
Other Services	2,800	2,800	0.0%	2,600	7.7%
GOVERNMENT	14,850	15,150	-2.0%	14,050	5.7%
Federal	2,300	2,400	-4.2%	2,200	4.5%
State	6,150	6,250	-1.6%	5,550	10.8%
State School	5,600	5,700	-1.8%	5,000	12.0%
Other State	550	550	0.0%	550	0.0%
Local	6,400	6,500	-1.5%	6,300	1.6%
Local School	3,600	4,000	-10.0%	3,500	2.9%
Other Local	2,800	2,500	12.0%	2,800	0.0%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	June 1990	May 1990	May 1990	June 1989	June 1989
GRAND FORKS MSA					
TOTAL	31,450	32,450	-3.1%	30,350	3.6%
GOODS PRODUCING	3,000	2,800	7.1%	3,150	-4.8%
MINING & CONSTRUCTION	1,500	1,300	15.4%	1,550	-3.2%
MANUFACTURING	1,500	1,500	0.0%	1,600	-6.3%
Durable Goods	500	500	0.0%	550	-9.1%
Nondurable Goods	1,000	1,000	0.0%	1,050	-4.8%
SERVICES PRODUCING	28,450	29,650	-4.0%	27,200	4.6%
TRANS, COMM. & UTIL.	1,700	1,650	3.0%	1,600	6.3%
Transportation	1,000	1,000	0.0%	950	5.3%
Communications & Utilities	700	650	7.7%	650	7.7%
WHOLESALE TRADE	1,700	1,700	0.0%	1,550	9.7%
RETAIL TRADE	7,750	7,750	0.0%	7,250	6.9%
General Merchandise & Apparel	1,850	1,850	0.0%	1,750	5.7%
Eating & Drinking Places	2,900	2,900	0.0%	2,700	7.4%
Other Retail	3,000	3,000	0.0%	2,800	7.1%
FINANCE, INS. & R E	1,200	1,200	0.0%	1,150	4.3%
SERVICES	7,350	7,350	0.0%	7,150	2.8%
Personal & Business	950	950	0.0%	850	11.8%
Health	2,900	2,900	0.0%	2,900	0.0%
Other Services	3,500	3,500	0.0%	3,400	2.9%
GOVERNMENT	8,750	10,000	-12.5%	8,500	2.9%
Federal	1,550	1,550	0.0%	1,500	3.3%
State	4,500	5,900	-23.7%	4,400	2.3%
State School	4,000	5,400	-25.9%	3,900	2.6%
Other State	500	500	0.0%	500	0.0%
Local	2,700	2,550	5.9%	2,600	3.8%
Local School	1,350	1,350	0.0%	1,300	3.8%
Other Local	1,350	1,200	12.5%	1,300	3.8%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	June 1990	May 1990	May 1990	June 1989	June 1989
BISMARCK MSA					
TOTAL	40,700	40,850	-0.4%	40,100	1.5%
GOODS PRODUCING	4,550	4,400	3.4%	4,450	2.2%
MINING & CONSTRUCTION	2,200	2,100	4.8%	2,200	0.0%
MANUFACTURING	2,350	2,300	2.2%	2,250	4.4%
Durable Goods	1,000	1,000	0.0%	950	5.3%
Nondurable Goods	1,350	1,300	3.8%	1,300	3.8%
SERVICES PRODUCING	36,150	36,450	-0.8%	35,650	1.4%
TRANS, COMM. & UTIL.	3,050	3,000	1.7%	2,800	8.9%
Transportation	1,250	1,250	0.0%	1,200	4.2%
Communications & Utilities	1,800	1,750	2.9%	1,600	12.5%
WHOLESALE TRADE	2,300	2,400	-4.2%	2,300	0.0%
RETAIL TRADE	8,250	8,100	1.9%	8,250	0.0%
General Merchandise & Apparel	1,650	1,650	0.0%	1,650	0.0%
Food Stores	1,100	1,050	4.8%	1,000	10.0%
Auto Dealers & Svc. Stations	1,050	1,050	0.0%	1,200	-12.5%
Eating & Drinking Places	2,800	2,700	3.7%	2,800	0.0%
Other Retail	1,650	1,650	0.0%	1,600	3.1%
FINANCE, INS. & R E	1,500	1,500	0.0%	1,550	-3.2%
SERVICES	12,000	12,100	-0.8%	11,500	4.3%
Lodging	900	900	0.0%	950	-5.3%
Personal & Business	1,500	1,450	3.4%	1,350	11.1%
Health Services	5,000	5,000	0.0%	4,700	6.4%
Educational Services	450	600	-25.0%	400	12.5%
Social Services	1,200	1,200	0.0%	1,100	9.1%
Membership Services	1,150	1,150	0.0%	1,250	-8.0%
Other Services	1,800	1,800	0.0%	1,750	2.9%
GOVERNMENT	9,050	9,350	-3.2%	9,250	-2.2%
Federal	1,300	1,300	0.0%	1,200	8.3%
State	4,000	4,150	-3.6%	4,100	-2.4%
State Schools	300	350	-14.3%	300	0.0%
Other State	3,700	3,800	-2.6%	3,800	-2.6%
Local	3,750	3,900	-3.8%	3,950	-5.1%
Local Schools	1,900	2,200	-13.6%	2,000	-5.0%
Other Local	1,850	1,700	8.8%	1,950	-5.1%

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LABOR FORCE

NORTH DAKOTA AND MSA'S

	CURRENT MONTH JUNE 1990	PREVIOUS MONTH MAY 1990	% CHANGE FROM MAY 1990	ONE YEAR AGO JUNE 1989	% CHANGE FROM JUNE 1989
UNITED STATES					
(In Thousands)					
Labor Force	126,466	126,642	-0.1%	125,777	0.5%
Employment	120,019	119,989	0.0%	119,208	0.7%
Unemployment	6,447	6,653	-3.1%	6,569	-1.9%
Unemployment Rate	5.1%	5.3%	xxx	5.2%	xxx
NORTH DAKOTA					
Labor Force	335,280	327,300	2.4%	344,870	-2.8%
Employment	321,530	315,030	2.1%	330,120	-2.6%
Unemployment	13,750	12,270	12.1%	14,750	-6.8%
Unemployment Rate	4.1%	3.7%	xxx	4.3%	xxx
FARGO-MOORHEAD MSA					
Labor Force	88,530	87,740	0.9%	88,530	0.0%
Employment	86,320	85,470	1.0%	86,150	0.2%
Unemployment	2,210	2,270	-2.6%	2,380	-7.1%
Unemployment Rate	2.5%	2.6%	xxx	2.7%	xxx
GRAND FORKS MSA					
Labor Force	36,020	36,510	-1.3%	36,740	-2.0%
Employment	34,470	35,160	-2.0%	35,240	-2.2%
Unemployment	1,550	1,350	14.8%	1,500	3.3%
Unemployment Rate	4.3%	3.7%	xxx	4.1%	xxx
BISMARCK MSA					
Labor Force	48,370	47,300	2.3%	49,870	-3.0%
Employment	46,450	45,690	1.7%	47,690	-2.6%
Unemployment	1,920	1,610	19.3%	2,180	-11.9%
Unemployment Rate	4.0%	3.4%	xxx	4.4%	xxx

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.
The Bismarck MSA includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

4

BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
MAY 1990

	NORTH DAKOTA	MINNESOTA	SOUTH DAKOTA	MONTANA
Labor Force	327.3	2,360.0	362.9	407.4
Employment	315.0	2,257.4	350.1	384.6
Unemployment	12.3	102.6	12.8	22.8
Unemployment Rate	3.7%	4.3%	3.5%	5.6%

UNITED STATES

MANUFACTURING HOURS AND EARNINGS

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
INDUSTRY	JUNE 1990	MAY 1990	JUNE 1989	JUNE 1990	MAY 1990	JUNE 1989	JUNE 1990	MAY 1990	JUNE 1989
MANUFACTURING	443.62	440.64	429.08	41.0	40.8	41.1	10.82	10.80	10.44
Durable Goods	473.30	469.37	457.87	41.7	41.5	41.7	11.35	11.31	10.98
Nondurable Goods	405.62	402.19	390.91	40.2	39.9	40.3	10.09	10.08	9.70

NORTH DAKOTA

MANUFACTURING HOURS AND EARNINGS

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
INDUSTRY	June 1990	May 1990	June 1989	June 1990	May 1990	June 1989	June 1990	May 1990	June 1989
MANUFACTURING	356.09	359.70	353.51	40.1	40.1	39.9	8.88	8.97	8.86
Durable Goods	377.04	375.74	379.80	41.8	41.2	42.2	9.02	9.12	9.00
Nondurable Goods	330.60	339.79	324.26	38.0	38.7	37.4	8.70	8.78	8.67
Food & Kindred	326.98	332.37	324.43	39.3	39.9	38.9	8.32	8.33	8.34

FARGO-MOORHEAD MSA

MANUFACTURING HOURS AND EARNINGS

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
INDUSTRY	June 1990	May 1990	June 1989	June 1990	May 1990	June 1989	June 1990	May 1990	June 1989
MANUFACTURING	338.42	342.77	358.05	38.5	38.6	38.5	8.79	8.88	9.30
Durable Goods	344.44	332.81	349.86	41.3	39.2	40.4	8.34	8.49	8.66
Nondurable Goods	332.64	354.92	367.46	35.5	38.0	36.6	9.37	9.34	10.04

U. S. CONSUMER PRICE INDEX

ALL URBAN CONSUMERS

(1982-84=100)

ITEM	ANNUAL AVERAGE 1989	JUNE 1990	MAY 1990	Percent Change From MAY 1990	JUNE 1989	Percent Change From JUNE 1989
All Items	124.0	129.9	129.2	0.5%	124.1	4.7%
Food & Beverage	124.9	131.7	131.1	0.5%	124.9	5.4%
Housing	123.0	128.3	127.1	0.9%	122.9	4.4%
Apparel & Upkeep	118.6	123.3	125.5	-1.8%	117.8	4.7%
Transportation	114.1	118.2	117.7	0.4%	115.9	2.0%
Medical Care	149.3	161.9	160.8	0.7%	148.5	9.0%
Entertainment	126.5	131.9	131.7	0.2%	126.2	4.5%
All Other	147.7	157.8	156.6	0.8%	146.3	7.9%

PRODUCER PRICE INDEX

UNITED STATES AVERAGE

ITEM	ANNUAL AVERAGE 1989	JUNE 1990	MAY 1990	Percent Change From MAY 1990	JUNE 1989	Percent Change From JUNE 1989
All Commodities	112.2	114.2	114.5	-0.3%	112.9	1.2%
Farm Products & Processed Foods and Feeds	115.3	119.7	120.2	-0.4%	115.4	3.7%
Industrial Commodities	111.6	113.1	113.3	-0.2%	112.4	0.6%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	JUNE'90	MAY'90	JUNE'89	JUNE'90	MAY'90	JUNE'89	JUNE'90	MAY'90	JUNE'89	JUNE'90	MAY'90	JUNE'89
Divide	1,495	1,348	1,584	1,474	1,337	1,547	21	11	37	1.4%	0.8%	2.3%
McKenzie	2,976	2,768	3,157	2,874	2,690	3,039	102	78	118	3.4%	2.8%	3.7%
Williams	11,318	10,716	11,860	10,895	10,303	11,334	423	413	526	3.7%	3.9%	4.4%
REGION 1	15,789	14,832	16,601	15,243	14,330	15,920	546	502	681	3.5%	3.4%	4.1%
Bottineau	3,636	3,362	3,754	3,460	3,196	3,581	176	166	173	4.8%	4.9%	4.6%
Burke	1,279	1,265	1,378	1,229	1,204	1,323	50	61	55	3.9%	4.8%	4.0%
McHenry	2,650	2,546	2,711	2,393	2,305	2,457	257	241	254	9.7%	9.5%	9.4%
Mountrail	3,439	3,361	3,478	3,242	3,186	3,239	197	175	239	5.7%	5.2%	6.9%
Pierce	2,679	2,546	2,748	2,613	2,457	2,684	66	89	64	2.5%	3.5%	2.3%
Renville	1,229	1,198	1,258	1,176	1,169	1,200	53	29	58	4.3%	2.4%	4.6%
Ward	25,943	25,420	27,017	24,882	24,350	25,797	1,061	1,070	1,220	4.1%	4.2%	4.5%
REGION 2	40,855	39,698	42,344	38,995	37,867	40,281	1,860	1,831	2,063	4.6%	4.6%	4.9%
Benson	2,793	2,722	3,271	2,459	2,438	2,968	334	284	303	12.0%	10.4%	9.3%
Cavalier	2,700	2,634	2,800	2,571	2,500	2,655	129	134	145	4.8%	5.1%	5.2%
Eddy	1,575	1,475	1,590	1,468	1,364	1,504	107	111	86	6.8%	7.5%	5.4%
Ramsey	6,978	6,864	6,944	6,757	6,655	6,718	221	209	226	3.2%	3.0%	3.3%
Rolette	4,672	4,569	4,698	3,697	3,948	3,810	975	621	888	20.9%	13.6%	18.9%
Towner	1,733	1,632	1,847	1,686	1,595	1,807	47	37	40	2.7%	2.3%	2.2%
REGION 3	20,451	19,896	21,150	18,638	18,500	19,462	1,813	1,396	1,688	8.9%	7.0%	8.0%
Grand Forks	36,018	36,505	36,731	34,473	35,157	35,236	1,545	1,348	1,495	4.3%	3.7%	4.1%
Nelson	1,988	1,918	2,066	1,923	1,847	1,988	65	71	78	3.3%	3.7%	3.8%
Pembina	5,560	5,320	5,665	5,114	4,902	5,157	446	418	508	8.0%	7.9%	9.0%
Walsh	7,831	7,544	8,195	7,413	7,187	7,762	418	357	433	5.3%	4.7%	5.3%
REGION 4	51,397	51,287	52,657	48,923	49,093	50,143	2,474	2,194	2,514	4.8%	4.3%	4.8%
Cass	62,566	62,079	63,449	61,233	60,740	62,108	1,333	1,339	1,341	2.1%	2.2%	2.1%
Ransom	2,765	2,655	2,872	2,686	2,583	2,811	79	72	61	2.9%	2.7%	2.1%
Richland	8,832	8,427	8,993	8,441	8,152	8,632	391	275	361	4.4%	3.3%	4.0%
Sargent	2,888	2,734	2,953	2,846	2,691	2,864	42	43	89	1.5%	1.6%	3.0%
Steele	1,184	1,111	1,242	1,150	1,079	1,193	34	32	49	2.9%	2.9%	3.9%
Traill	4,517	4,301	4,566	4,338	4,149	4,392	179	152	174	4.0%	3.5%	3.8%
REGION 5	82,752	81,307	84,075	80,694	79,394	82,000	2,058	1,913	2,075	2.5%	2.4%	2.5%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	JUNE'90	MAY'90	JUNE'89	JUNE'90	MAY'90	JUNE'89	JUNE'90	MAY'90	JUNE'89	JUNE'90	MAY'90	JUNE'89
Barnes	6,002	5,777	6,111	5,845	5,620	5,912	157	157	199	2.6%	2.7%	3.3%
Dickey	3,235	3,141	3,261	3,170	3,067	3,181	65	74	80	2.0%	2.4%	2.5%
Foster	2,338	2,334	2,315	2,267	2,237	2,242	71	97	73	3.0%	4.2%	3.2%
Griggs	1,637	1,554	1,708	1,590	1,508	1,661	47	46	47	2.9%	3.0%	2.8%
La Moure	2,362	2,330	2,442	2,302	2,256	2,365	60	74	77	2.5%	3.2%	3.2%
Logan	1,554	1,480	1,571	1,501	1,425	1,539	53	55	32	3.4%	3.7%	2.0%
McIntosh	2,343	2,220	2,414	2,312	2,195	2,359	31	25	55	1.3%	1.1%	2.3%
Stutsman	12,092	11,820	12,443	11,690	11,434	12,057	402	386	386	3.3%	3.3%	3.1%
Wells	2,816	2,746	2,960	2,659	2,563	2,790	157	183	170	5.6%	6.7%	5.7%
REGION 6	34,379	33,402	35,225	33,336	32,305	34,106	1,043	1,097	1,119	3.0%	3.3%	3.2%
Burleigh	35,345	34,685	36,475	34,083	33,528	34,994	1,262	1,157	1,481	3.6%	3.3%	4.1%
Emmons	2,228	2,127	2,336	2,160	2,036	2,240	68	91	96	3.1%	4.3%	4.1%
Grant	1,964	1,849	2,031	1,901	1,786	1,939	63	63	92	3.2%	3.4%	4.5%
Kidder	1,625	1,555	1,647	1,509	1,435	1,546	116	120	101	7.1%	7.7%	6.1%
McLean	4,508	4,674	4,619	4,272	4,430	4,322	236	244	297	5.2%	5.2%	6.4%
Mercer	5,767	5,753	5,967	5,409	5,441	5,560	358	312	407	6.2%	5.4%	6.8%
Morton	13,016	12,614	13,387	12,363	12,162	12,693	653	452	694	5.0%	3.6%	5.2%
Oliver	1,100	1,151	1,172	1,055	1,106	1,111	45	45	61	4.1%	3.9%	5.2%
Sheridan	1,270	1,180	1,266	1,233	1,145	1,215	37	35	51	2.9%	3.0%	4.0%
Sioux	1,306	1,119	1,303	883	991	904	423	128	399	32.4%	11.4%	30.6%
REGION 7	68,129	66,707	70,203	64,868	64,060	66,524	3,261	2,647	3,679	4.8%	4.0%	5.2%
Adams	1,745	1,663	1,771	1,713	1,637	1,731	32	26	40	1.8%	1.6%	2.3%
Billings	1,035	734	1,100	1,014	709	1,071	21	25	29	2.0%	3.4%	2.6%
Bowman	2,178	2,059	2,258	2,149	2,025	2,206	29	34	52	1.3%	1.7%	2.3%
Dunn	1,958	1,773	1,915	1,860	1,705	1,791	98	68	124	5.0%	3.8%	6.5%
Gldn Valley	1,025	1,042	1,067	1,014	1,025	1,043	11	17	24	1.1%	1.6%	2.2%
Hettinger	1,879	1,754	1,937	1,798	1,677	1,864	81	77	73	4.3%	4.4%	3.8%
Slope	479	439	508	461	417	468	18	22	40	3.8%	5.0%	7.9%
Stark	11,233	10,698	12,058	10,831	10,280	11,507	402	418	551	3.6%	3.9%	4.6%
REGION 8	21,532	20,162	22,614	20,840	19,475	21,681	692	687	933	3.2%	3.4%	4.1%
STATE TOTALS	335,279	327,292	344,867	321,534	315,026	330,118	13,745	12,266	14,753	4.1%	3.7%	4.3%

DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

FARGO
1350 32nd Street South
Phone: 237-7113

JAMESTOWN
429 2nd Street Southwest
Phone: 251-2256

BEULAH
119 East Main
Phone: 873-5607

DEVILS LAKE
301 South College Drive
Phone: 662- 2181

GRAND FORKS
2016 South Washington
Phone: 777-3711

MANDAN
501 1st Street Northwest
Phone: 663-6461

ROLLA
103 East Main
Phone: 477-5631

UND - GRAND FORKS
McCannel Hall - Room 141
Phone: 777-3904

DICKINSON
66 Osborn Drive
Phone: 227-2361

GRAFTON
728 Hill Avenue South
Phone: 352-2202

MINOT
3416 North Broadway
Phone: 852-2164

NDSU - FARGO
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

VALLEY CITY
2425 West Main
Phone: 845-7261

WAHPETON
524 2nd Avenue North
Phone: 671-2711

WILLISTON
422 1st Avenue West
Phone: 572-7771

NEW TOWN
Tribal Administration Building
Phone: 627-4390

Job Service North Dakota
Research and Statistics
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

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S6140-4

July, 1990

Volume 6, Number 7

JOB
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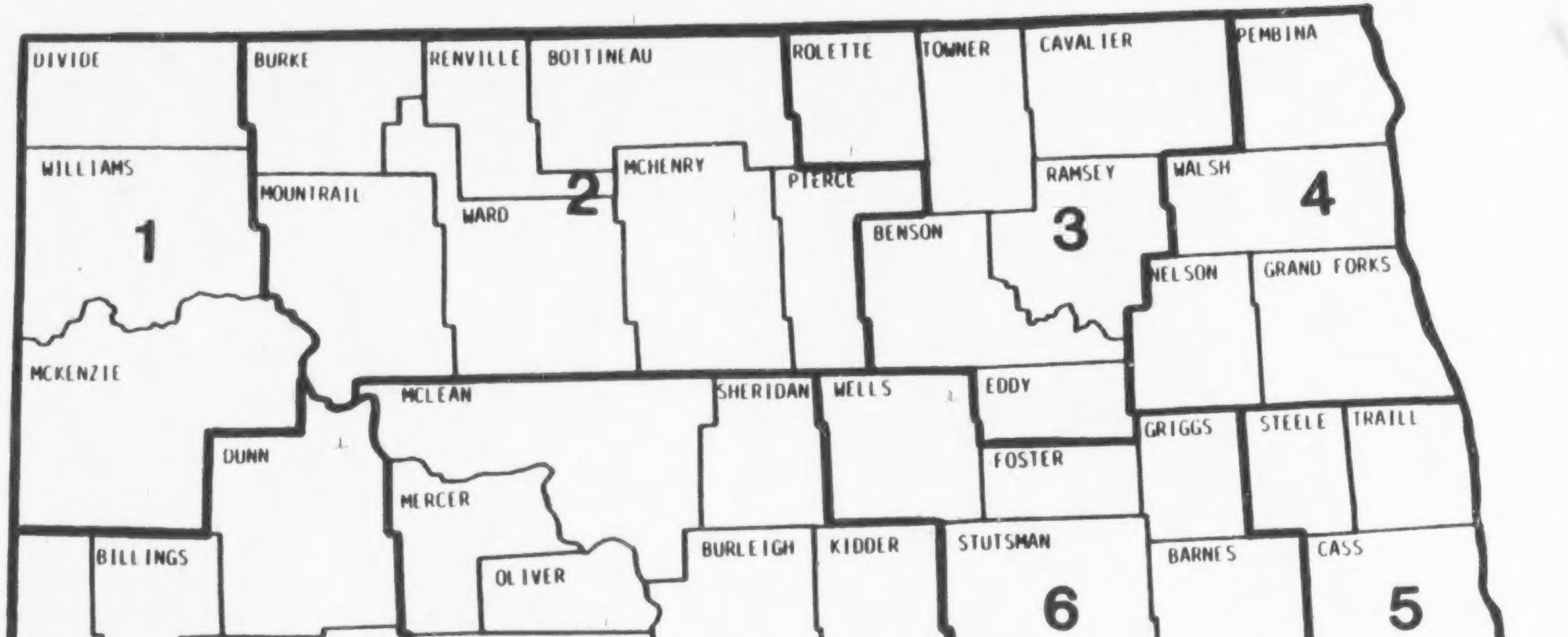
The North Dakota Labor Market Advisor

NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.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STARK
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THE
NORTH DAKOTA
LABOR MARKET ADVISOR

July, 1990

GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

Micheal V. Deisz
Executive Director

A Monthly Publication Prepared by
Research and Statistics
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NORTH DAKOTA OCCUPATIONAL INFORMATION SYSTEM

Labor market supply and demand information is critical to planners of training programs and economic development and persons planning their careers. There are numerous sources of the data elements that go into this information, but there's only one place where you can find all the elements integrated into one system...the North Dakota Occupational Information System.

The North Dakota Occupational Information System (OIS) clusters occupational projections with data from applicable training programs, unemployment insurance, and wage data. By reviewing a given cluster, you can quickly compare current and projected employment figures [including projected annual openings], wages paid for those occupations, and the numbers of persons completing training programs for those occupations. There are additional factors that planners must consider, such as their local economic situation and trends; however, the major data sources have all been integrated through the OIS.

The OIS is available in both publication and microcomputer formats. The publication exhibits 97 clusters of information on 131 training programs and over 600 occupations. The microcomputer version, known as the Micro OIS, contains the same data plus much more. In addition to producing the cluster reports found in the publication, electronic searches based on various data elements can be conducted. For example, you could identify the occupations which are growing at 2 percent per year and/or have projected employment openings of at least 150.

The Micro OIS can generate several reports which are not available in the publication version. These reports center around industry/occupational data and training sites for given programs. The industry/occupational feature will show the staffing patterns within a given industry or will show the industries which employ a given occupation. The training site feature produces reports on local sites which offer a given training program or all the training programs of a local site. Although training program data currently reflects two years or less of postsecondary education, plans are to include baccalaureate programs within the next year.

All data used in the OIS is obtained from existing reports and surveys from state agencies. Job Service North Dakota provides all occupational projection and wage data, while the State Board for Vocational Education and the North Dakota University System [State Board of Higher Education] provide the majority of the training program data.The OIS can be obtained at no charge from the North Dakota State Occupational Information Coordinating Committee (North Dakota SOICC).

The minimum hardware requirements for the Micro OIS are:

IBM PC or PS/2 (or compatible)
512K of internal memory
Hard disk drive

The Micro OIS takes up approximately 1.5 megabytes of room on the hard drive.

For additional information or to order the OIS/Micro OIS, contact:

North Dakota SOICC
Dan Marrs, Coordinator
600 East Interstate Avenue - Suite 14
P. O. Box 1537
Bismarck, ND 58502-1537
(701) 224-2733

Dan Marrs
Coordinator, NDSOICC

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	July 1990	June 1990	June 1990	July 1989	July 1989
TOTAL	265,950	269,300	-1.2%	261,350	1.8%
GOODS PRODUCING	33,400	33,250	0.5%	32,550	2.6%
MINING	4,550	4,300	5.8%	4,250	7.1%
Coal	1,050	1,050	0.0%	1,100	-4.5%
Crude Petroleum & Nat. Gas	3,000	2,800	7.1%	2,600	15.4%
Other Mining	500	450	11.1%	550	-9.1%
CONSTRUCTION	11,800	11,600	1.7%	11,800	0.0%
Building Construction	2,900	2,800	3.6%	3,100	-6.5%
Street, Highway & Heavy	3,200	3,200	0.0%	3,100	3.2%
Special Trade Construction	5,700	5,600	1.8%	5,600	1.8%
MANUFACTURING	17,050	17,350	-1.7%	16,500	3.3%
Durable Goods	9,000	9,100	-1.1%	8,250	9.1%
Primary & Fab. Metals	1,200	1,200	0.0%	1,100	9.1%
Machinery & Trans. Equip	5,300	5,450	-2.8%	4,900	8.2%
Machinery & Electric	3,900	3,900	0.0%	3,600	8.3%
Transportation Equipment	1,400	1,550	-9.7%	1,300	7.7%
Other Durables	2,500	2,450	2.0%	2,250	11.1%
Lumber & Wood	1,200	1,150	4.3%	1,000	20.0%
Misc Durable	1,300	1,300	0.0%	1,250	4.0%
Nondurable Goods	8,050	8,250	-2.4%	8,250	-2.4%
Food & Kindred Products	3,950	4,150	-4.8%	4,150	-4.8%
Dairy Products	700	700	0.0%	750	-6.7%
Bakery Products	1,000	900	11.1%	800	25.0%
Sugar & Confectionary	600	600	0.0%	600	0.0%
Other Foods	1,650	1,950	-15.4%	2,000	-17.5%
Printing & Publishing	2,600	2,600	0.0%	2,500	4.0%
Other Nondurable Goods	1,500	1,500	0.0%	1,600	-6.3%
SERVICES PRODUCING	232,550	236,050	-1.5%	228,800	1.6%
TRAN, COMM & UTILITIES	17,250	17,200	0.3%	16,950	1.8%
Transportation	8,850	8,800	0.6%	8,550	3.5%
Trucking & Warehousing	5,000	5,000	0.0%	4,900	2.0%
Other Transportation	3,850	3,800	1.3%	3,650	5.5%
Railroads	1,950	1,900	2.6%	1,900	2.6%
Local & Suburban Transport	700	700	0.0%	700	0.0%
Water, Air & Pipeline	1,200	1,200	0.0%	1,050	14.3%
Communications	3,500	3,500	0.0%	3,600	-2.8%
Utilities	4,900	4,900	0.0%	4,800	2.1%
WHOLESALE TRADE	19,700	19,800	-0.5%	19,900	-1.0%
Durable Goods	9,200	9,200	0.0%	9,300	-1.1%
Nondurable Goods	10,500	10,600	-0.9%	10,600	-0.9%

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	July 1990	June 1990	June 1990	July 1989	July 1989
RETAIL TRADE	51,050	51,400	-0.7%	50,600	0.9%
Hardware & Garden	2,500	2,500	0.0%	2,600	-3.8%
General Merchandise	6,200	6,200	0.0%	6,200	0.0%
Food Stores	7,100	7,200	-1.4%	7,200	-1.4%
Auto & Service Stations	7,000	7,000	0.0%	6,700	4.5%
Apparel & Accessory	2,600	2,600	0.0%	2,600	0.0%
Furniture Stores	1,650	1,700	-2.9%	1,600	3.1%
Eating & Drinking Places	18,600	18,600	0.0%	18,600	0.0%
Misc Retail	5,400	5,600	-3.6%	5,100	5.9%
FINANCE, INS & REAL ESTATE	12,650	12,550	0.8%	12,400	2.0%
Finance	6,600	6,650	-0.8%	6,650	-0.8%
Banking	5,700	5,700	0.0%	5,700	0.0%
Other Finance	900	950	-5.3%	950	-5.3%
Insurance	4,100	3,950	3.8%	3,900	5.1%
Insurance Underwriters	2,600	2,500	4.0%	2,500	4.0%
Ins. Agents & Brokers	1,500	1,450	3.4%	1,400	7.1%
Real Estate	1,950	1,950	0.0%	1,850	5.4%
SERVICES	69,600	69,400	0.3%	66,450	4.7%
Lodging	4,600	4,500	2.2%	4,500	2.2%
Personal & Business	8,200	8,100	1.2%	7,900	3.8%
Personal Services	3,100	3,100	0.0%	3,100	0.0%
Business Services	5,100	5,000	2.0%	4,800	6.3%
Recreational Services	3,000	2,900	3.4%	2,900	3.4%
Health Services	28,900	28,900	0.0%	27,700	4.3%
Nursing & Hospital	21,100	21,100	0.0%	20,200	4.5%
Other Health	7,800	7,800	0.0%	7,500	4.0%
Membership Organizations	8,100	8,100	0.0%	8,200	-1.2%
Educational Services	2,400	2,500	-4.0%	2,300	4.3%
Social Services	6,600	6,600	0.0%	5,600	17.9%
Other Services	7,800	7,800	0.0%	7,350	6.1%
Auto & Misc Repair	2,400	2,400	0.0%	2,200	9.1%
Legal Services	1,500	1,500	0.0%	1,450	3.4%
Misc Services	3,900	3,900	0.0%	3,700	5.4%
GOVERNMENT	62,300	65,700	-5.2%	62,500	-0.3%
Federal	10,500	10,700	-1.9%	10,400	1.0%
State & Local	51,800	55,000	-5.8%	52,100	-0.6%
State Government	17,800	18,700	-4.8%	18,000	-1.1%
Educational Services	10,400	11,400	-8.8%	10,300	1.0%
Other State Government	7,400	7,300	1.4%	7,700	-3.9%
Local Government	34,000	36,300	-6.3%	34,100	-0.3%
Educational Services	14,000	16,400	-14.6%	13,900	0.7%
Other Local Government	20,000	19,900	0.5%	20,200	-1.0%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH July 1990	PREVIOUS MONTH June 1990	% CHANGE FROM June 1990	ONE YEAR AGO July 1989	% CHANGE FROM July 1989
FARGO-MOORHEAD MSA					
TOTAL	76,250	76,900	-0.8%	73,200	4.2%
GOODS PRODUCING	10,550	10,350	1.9%	9,800	7.7%
MINING & CONSTRUCTION	4,800	4,600	4.3%	4,400	9.1%
Special Trades	2,400	2,300	4.3%	2,200	9.1%
Other Construction & Mining	2,400	2,300	4.3%	2,200	9.1%
MANUFACTURING	5,750	5,750	0.0%	5,400	6.5%
Durable Goods	2,850	2,850	0.0%	2,650	7.5%
Fabricated Metal & Machinery	1,500	1,500	0.0%	1,400	7.1%
Other Durable Goods	1,350	1,350	0.0%	1,250	8.0%
Nondurable Goods	2,900	2,900	0.0%	2,750	5.5%
Food & Kindred	1,850	1,800	2.8%	1,700	8.8%
Other Nondurables	1,050	1,100	-4.5%	1,050	0.0%
SERVICES PRODUCING	65,700	66,550	-1.3%	63,400	3.6%
TRANS, COMM & UTIL	4,800	4,800	0.0%	4,700	2.1%
Trucking & Warehousing	1,000	1,000	0.0%	950	5.3%
Other Transportation	2,100	2,100	0.0%	2,000	5.0%
Communications & Utilities	1,700	1,700	0.0%	1,750	-2.9%
WHOLESALE TRADE	6,800	6,700	1.5%	6,900	-1.4%
Durable	4,000	3,900	2.6%	3,900	2.6%
Nondurable	2,800	2,800	0.0%	3,000	-6.7%
RETAIL TRADE	15,000	15,050	-0.3%	14,750	1.7%
General Merchandise & Apparel	2,900	2,900	0.0%	2,800	3.6%
Food Stores	1,750	1,800	-2.8%	1,950	-10.3%
Auto Dealers & Svc. Stations	1,950	1,950	0.0%	1,700	14.7%
Eating & Drinking Places	5,700	5,700	0.0%	5,600	1.8%
Other Retail	2,700	2,700	0.0%	2,700	0.0%
FINANCE, INS & R E	4,600	4,600	0.0%	4,500	2.2%
Finance	2,100	2,100	0.0%	2,000	5.0%
Insurance Carriers	1,450	1,450	0.0%	1,450	0.0%
Other Fin, Ins. & R.Estate	1,050	1,050	0.0%	1,050	0.0%
SERVICES	21,500	21,350	0.7%	20,300	5.9%
Lodging	1,350	1,350	0.0%	1,300	3.8%
Personal & Business	3,600	3,600	0.0%	3,400	5.9%
Recreation & Amusement	1,000	900	11.1%	1,050	-4.8%
Health Services	8,200	8,100	1.2%	7,700	6.5%
Educational Services	1,450	1,400	3.6%	1,450	0.0%
Social Services	1,700	1,750	-2.9%	1,500	13.3%
Membership Services	1,400	1,450	-3.4%	1,400	0.0%
Other Services	2,800	2,800	0.0%	2,500	12.0%
GOVERNMENT	13,000	14,050	-7.5%	12,250	6.1%
Federal	2,300	2,300	0.0%	2,300	0.0%
State	4,700	5,350	-12.1%	4,450	5.6%
State School	4,100	4,800	-14.6%	3,900	5.1%
Other State	600	550	9.1%	550	9.1%
Local	6,000	6,400	-6.3%	5,500	9.1%
Local School	3,100	3,600	-13.9%	2,700	14.8%
Other Local	2,900	2,800	3.6%	2,800	3.6%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	July 1990	June 1990	June 1990	July 1989	July 1989
GRAND FORKS MSA					
TOTAL	30,750	31,500	-2.4%	30,300	1.5%
GOODS PRODUCING	2,800	3,000	-6.7%	3,350	-16.4%
MINING & CONSTRUCTION	1,600	1,500	6.7%	1,750	-8.6%
MANUFACTURING	1,200	1,500	-20.0%	1,600	-25.0%
Durable Goods	450	500	-10.0%	550	-18.2%
Nondurable Goods	750	1,000	-25.0%	1,050	-28.6%
SERVICES PRODUCING	27,950	28,500	-1.9%	26,950	3.7%
TRANS, COMM. & UTIL.	1,650	1,700	-2.9%	1,600	3.1%
Transportation	1,000	1,000	0.0%	950	5.3%
Communications & Utilities	650	700	-7.1%	650	0.0%
WHOLESALE TRADE	1,700	1,700	0.0%	1,600	6.3%
RETAIL TRADE	7,700	7,750	-0.6%	7,250	6.2%
General Merchandise & Apparel	1,800	1,850	-2.7%	1,750	2.9%
Eating & Drinking Places	2,900	2,900	0.0%	2,700	7.4%
Other Retail	3,000	3,000	0.0%	2,800	7.1%
FINANCE, INS. & R E	1,200	1,200	0.0%	1,100	9.1%
SERVICES	7,100	7,350	-3.4%	7,000	1.4%
Personal & Business	900	950	-5.3%	900	0.0%
Health	2,800	2,900	-3.4%	2,800	0.0%
Other Services	3,400	3,500	-2.9%	3,300	3.0%
GOVERNMENT	8,600	8,800	-2.3%	8,400	2.4%
Federal	1,550	1,550	0.0%	1,500	3.3%
State	4,600	4,500	2.2%	4,600	0.0%
State School	4,100	4,000	2.5%	4,100	0.0%
Other State	500	500	0.0%	500	0.0%
Local	2,450	2,750	-10.9%	2,300	6.5%
Local School	1,050	1,350	-22.2%	1,000	5.0%
Other Local	1,400	1,400	0.0%	1,300	7.7%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	July 1990	June 1990	June 1990	July 1989	July 1989
BISMARCK MSA					
TOTAL	40,250	40,700	-1.1%	38,850	3.6%
GOODS PRODUCING	4,650	4,550	2.2%	4,100	13.4%
MINING & CONSTRUCTION	2,300	2,200	4.5%	1,850	24.3%
MANUFACTURING	2,350	2,350	0.0%	2,250	4.4%
Durable Goods	1,000	1,000	0.0%	950	5.3%
Nondurable Goods	1,350	1,350	0.0%	1,300	3.8%
SERVICES PRODUCING	35,600	36,150	-1.5%	34,750	2.4%
TRANS, COMM. & UTIL.	3,050	3,050	0.0%	2,850	7.0%
Transportation	1,250	1,250	0.0%	1,150	8.7%
Communications & Utilities	1,800	1,800	0.0%	1,700	5.9%
WHOLESALE TRADE	2,300	2,300	0.0%	2,300	0.0%
RETAIL TRADE	8,200	8,250	-0.6%	8,150	0.6%
General Merchandise & Apparel	1,650	1,650	0.0%	1,650	0.0%
Food Stores	1,100	1,100	0.0%	1,100	0.0%
Auto Dealers & Svc. Stations	1,050	1,050	0.0%	1,150	-8.7%
Eating & Drinking Places	2,800	2,800	0.0%	2,700	3.7%
Other Retail	1,600	1,650	-3.0%	1,550	3.2%
FINANCE, INS. & R E	1,500	1,500	0.0%	1,550	-3.2%
SERVICES	11,900	12,000	-0.8%	11,350	4.8%
Lodging	900	900	0.0%	950	-5.3%
Personal & Business	1,500	1,500	0.0%	1,350	11.1%
Health Services	5,000	5,000	0.0%	4,700	6.4%
Educational Services	350	450	-22.2%	300	16.7%
Social Services	1,200	1,200	0.0%	[illegible]00	9.1%
Membership Services	1,150	1,150	0.0%	[illegible],250	-8.0%
Other Services	1,800	1,800	0.0%	1,700	5.9%
GOVERNMENT	8,650	9,050	-4.4%	8,550	1.2%
Federal	1,250	1,300	-3.8%	1,200	4.2%
State	4,050	4,000	1.3%	4,050	0.0%
State Schools	250	300	-16.7%	250	0.0%
Other State	3,800	3,700	2.7%	3,800	0.0%
Local	3,350	3,750	-10.7%	3,300	1.5%
Local Schools	1,600	1,900	-15.8%	1,500	6.7%
Other Local	1,750	1,850	-5.4%	1,800	-2.8%

LABOR FORCE

NORTH DAKOTA AND MSA'S

	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	JULY 1990	JUNE 1990	JUNE 1990	JULY 1989	JULY 1989
UNITED STATES					
(In Thousands)					
Labor Force	126,394	126,466	-0.1%	125,679	0.6%
Employment	119,580	120,019	-0.4%	119,102	0.4%
Unemployment	6,814	6,447	5.7%	6,577	3.6%
Unemployment Rate	5.4%	5.1%	xxx	5.2%	xxx
NORTH DAKOTA					
Labor Force	334,600	335,300	-0.2%	345,020	-3.0%
Employment	321,450	321,530	0.0%	332,400	-3.3%
Unemployment	13,150	13,770	-4.5%	12,620	4.2%
Unemployment Rate	3.9%	4.1%	xxx	3.7%	xxx
FARGO-MOORHEAD MSA					
Labor Force	88,140	87,840	0.3%	88,310	-0.2%
Employment	85,890	85,640	0.3%	86,190	-0.3%
Unemployment	2,250	2,200	2.3%	2,120	6.1%
Unemployment Rate	2.6%	2.5%	xxx	2.4%	xxx
GRAND FORKS MSA					
Labor Force	36,030	36,100	-0.2%	37,060	-2.8%
Employment	34,410	34,570	-0.5%	35,590	-3.3%
Unemployment	1,620	1,530	5.9%	1,470	10.2%
Unemployment Rate	4.5%	4.2%	xxx	4.0%	xxx
BISMARCK MSA					
Labor Force	48,350	48,440	-0.2%	49,000	-1.3%
Employment	46,540	46,530	0.0%	47,370	-1.8%
Unemployment	1,810	1,910	-5.2%	1,630	11.0%
Unemployment Rate	3.7%	3.9%	xxx	3.3%	xxx

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.
The Bismarck MSA includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
JUNE 1990

	NORTH DAKOTA	MINNESOTA	SOUTH DAKOTA	MONTANA
Labor Force	335.3	2,404.3	365.7	410.5
Employment	321.5	2,303.3	351.3	387.7
Unemployment	13.8	101.0	14.4	22.8
Unemployment Rate	4.1%	4.2%	3.9%	5.5%

UNITED STATES

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	JULY 1990	JUNE 1990	JULY 1989	JULY 1990	JUNE 1990	JULY 1989	JULY 1990	JUNE 1990	JULY 1989
MANUFACTURING	440.64	445.52	424.04	40.5	41.1	40.5	10.88	10.84	10.47
Durable Goods	465.03	473.71	449.49	40.9	41.7	40.9	11.37	11.36	10.99
Nondurable Goods	406.58	406.42	390.80	39.9	40.2	40.0	10.19	10.11	9.77

NORTH DAKOTA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1990	June 1990	July 1989	July 1990	June 1990	July 1989	July 1990	June 1990	July 1989
MANUFACTURING	337.69	358.18	350.06	37.9	40.2	39.6	8.91	8.91	8.84
Durable Goods	379.44	378.71	375.16	38.6	41.8	41.5	9.83	9.06	9.04
Nondurable Goods	286.04	333.21	321.27	37.1	38.3	37.4	7.71	8.70	8.59
Food & Kindred	331.30	332.73	331.60	39.3	39.8	40.0	8.43	8.36	8.29

FARGO-MOORHEAD MSA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1990	June 1990	July 1989	July 1990	June 1990	July 1989	July 1990	June 1990	July 1989
MANUFACTURING	383.66	339.68	370.51	42.3	38.6	39.5	9.07	8.80	9.38
Durable Goods	381.05	344.44	356.13	43.4	41.3	40.7	8.78	8.34	8.75
Nondurable Goods	386.46	334.87	385.82	41.2	35.7	38.2	9.38	9.38	10.10

U. S. CONSUMER PRICE INDEX

ALL URBAN CONSUMERS

(1982-84=100)

ITEM	ANNUAL AVERAGE 1989	JULY 1990	JUNE 1990	Percent Change From JUNE 1990	JULY 1989	Percent Change From JULY 1989
All Items	124.0	130.4	129.9	0.4%	124.4	4.8%
Food & Beverage	124.9	132.4	131.7	0.5%	125.4	5.6%
Housing	123.0	129.2	128.3	0.7%	123.9	4.3%
Apparel & Upkeep	118.6	120.8	123.3	-2.0%	115.0	5.0%
Transportation	114.1	118.4	118.2	0.2%	115.4	2.6%
Medical Care	149.3	163.5	161.9	1.0%	149.7	9.2%
Entertainment	126.5	132.7	131.9	0.6%	126.9	4.6%
All Other	147.7	159.2	157.8	0.9%	147.3	8.1%

PRODUCER PRICE INDEX

UNITED STATES AVERAGE

ITEM	ANNUAL AVERAGE 1989	JULY 1990	JUNE 1990	Percent Change From JUNE 1990	JULY 1989	Percent Change From JULY 1989
All Commodities	112.2	114.3	114.2	0.1%	112.8	1.3%
Farm Products & Processed Foods and Feeds	115.3	120.0	119.7	0.3%	115.2	4.2%
Industrial Commodities	111.6	113.2	113.1	0.1%	112.2	0.9%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	JULY'90	JUNE'90	JULY'89	JULY'90	JUNE'90	JULY'89	JULY'90	JUNE'90	JULY'89	JULY'90	JUNE'90	JULY'89
Divide	1,436	1,498	1,525	1,413	1,476	1,498	23	22	27	1.6%	1.5%	1.8%
McKenzie	2,859	2,983	3,062	2,776	2,879	2,968	83	104	94	2.9%	3.5%	3.1%
Williams	11,391	11,334	12,036	10,992	10,912	11,522	399	422	514	3.5%	3.7%	4.3%
REGION 1	15,686	15,815	16,623	15,181	15,267	15,988	505	548	635	3.2%	3.5%	3.8%
Bottineau	3,454	3,644	3,578	3,306	3,466	3,458	148	178	120	4.3%	4.9%	3.4%
Burke	1,271	1,279	1,357	1,207	1,229	1,317	64	50	40	5.0%	3.9%	2.9%
McHenry	2,628	2,657	2,699	2,407	2,397	2,508	221	260	191	8.4%	9.8%	7.1%
Mountrail	3,436	3,452	3,495	3,255	3,247	3,291	181	205	204	5.3%	5.9%	5.8%
Pierce	2,659	2,683	2,733	2,589	2,617	2,688	70	66	45	2.6%	2.5%	1.6%
Renville	1,242	1,231	1,288	1,197	1,178	1,243	45	53	45	3.6%	4.3%	3.5%
Ward	26,074	25,972	27,217	25,089	24,912	26,204	985	1,060	1,013	3.8%	4.1%	3.7%
REGION 2	40,764	40,918	42,367	39,050	39,046	40,709	1,714	1,872	1,658	4.2%	4.6%	3.9%
Benson	2,720	2,796	3,162	2,422	2,464	2,948	298	332	214	11.0%	11.9%	6.8%
Cavalier	2,690	2,702	2,801	2,568	2,574	2,685	122	128	116	4.5%	4.7%	4.1%
Eddy	1,504	1,576	1,552	1,426	1,470	1,480	78	106	72	5.2%	6.7%	4.6%
Ramsey	7,012	6,992	6,977	6,798	6,769	6,814	214	223	163	3.1%	3.2%	2.3%
Rolette	4,719	4,676	4,695	3,775	3,704	3,921	944	972	774	20.0%	20.8%	16.5%
Towner	1,770	1,736	1,906	1,731	1,689	1,876	39	47	30	2.2%	2.7%	1.6%
REGION 3	20,415	20,478	21,093	18,720	18,670	19,724	1,695	1,808	1,369	8.3%	8.8%	6.5%
Grand Forks	36,021	36,107	37,051	34,405	34,574	35,586	1,616	1,533	1,465	4.5%	4.2%	4.0%
Nelson	1,938	1,989	2,028	1,880	1,925	1,970	58	64	58	3.0%	3.2%	2.9%
Pembina	5,763	5,565	5,825	5,271	5,122	5,376	492	443	449	8.5%	8.0%	7.7%
Walsh	7,951	7,842	8,386	7,572	7,423	8,016	379	419	370	4.8%	5.3%	4.4%
REGION 4	51,673	51,503	53,290	49,128	49,044	50,948	2,545	2,459	2,342	4.9%	4.8%	4.4%
Cass	62,047	62,096	63,211	60,730	60,766	61,982	1,317	1,330	1,229	2.1%	2.1%	1.9%
Ransom	2,801	2,771	2,955	2,739	2,692	2,899	62	79	56	2.2%	2.9%	1.9%
Richland	8,754	8,845	8,964	8,325	8,454	8,596	429	391	368	4.9%	4.4%	4.1%
Sargent	2,864	2,892	2,948	2,827	2,850	2,877	37	42	71	1.3%	1.5%	2.4%
Steele	1,174	1,184	1,246	1,138	1,150	1,202	36	34	44	3.1%	2.9%	3.5%
Traill	4,557	4,524	4,640	4,354	4,346	4,459	203	178	181	4.5%	3.9%	3.9%
REGION 5	82,197	82,312	83,964	80,113	80,258	82,015	2,084	2,054	1,949	2.5%	2.5%	2.3%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	JULY'90	JUNE'90	JULY'89	JULY'90	JUNE'90	JULY'89	JULY'90	JUNE'90	JULY'89	JULY'90	JUNE'90	JULY'89
Barnes	5,916	6,015	6,062	5,773	5,855	5,902	143	160	160	2.4%	2.7%	2.6%
Dickey	3,196	3,240	3,251	3,137	3,176	3,192	59	64	59	1.8%	2.0%	1.8%
Foster	2,297	2,346	2,295	2,238	2,272	2,239	59	74	56	2.6%	3.2%	2.4%
Griggs	1,647	1,641	1,745	1,603	1,594	1,699	44	47	46	2.7%	2.9%	2.6%
La Moure	2,373	2,364	2,485	2,320	2,305	2,420	53	59	65	2.2%	2.5%	2.6%
Logan	1,529	1,556	1,572	1,488	1,503	1,550	41	53	22	2.7%	3.4%	1.4%
McIntosh	2,361	2,346	2,400	2,282	2,316	2,363	79	30	37	3.3%	1.3%	1.5%
Stutsman	11,987	12,112	12,504	11,644	11,711	12,114	343	401	390	2.9%	3.3%	3.1%
Wells	2,862	2,819	3,031	2,726	2,663	2,898	136	156	133	4.8%	5.5%	4.4%
REGION 6	34,168	34,439	35,345	33,211	33,395	34,377	957	1,044	968	2.8%	3.0%	2.7%
Burleigh	35,385	35,400	35,820	34,151	34,145	34,759	1,234	1,255	1,061	3.5%	3.5%	3.0%
Emmons	2,253	2,241	2,378	2,178	2,162	2,290	75	79	88	3.3%	3.5%	3.7%
Grant	1,981	1,965	2,051	1,906	1,904	1,981	75	61	70	3.8%	3.1%	3.4%
Kidder	1,585	1,631	1,617	1,471	1,512	1,528	114	119	89	7.2%	7.3%	5.5%
McLean	4,448	4,513	4,588	4,234	4,276	4,338	214	237	250	4.8%	5.3%	5.4%
Mercer	5,744	5,780	5,935	5,435	5,418	5,632	309	362	303	5.4%	6.3%	5.1%
Morton	12,963	13,041	13,180	12,388	12,385	12,608	575	656	572	4.4%	5.0%	4.3%
Oliver	1,058	1,101	1,145	1,014	1,056	1,082	44	45	63	4.2%	4.1%	5.5%
Sheridan	1,313	1,273	1,326	1,279	1,236	1,287	34	37	39	2.6%	2.9%	2.9%
Sioux	1,219	1,304	1,243	837	884	866	382	420	377	31.3%	32.2%	30.3%
REGION 7	67,949	68,249	69,283	64,893	64,978	66,371	3,056	3,271	2,912	4.5%	4.8%	4.2%
Adams	1,804	1,747	1,846	1,768	1,715	1,811	36	32	35	2.0%	1.8%	1.9%
Billings	1,066	1,036	1,145	1,049	1,015	1,123	17	21	22	1.6%	2.0%	1.9%
Bowman	2,230	2,181	2,357	2,208	2,152	2,296	22	29	61	1.0%	1.3%	2.6%
Dunn	1,938	1,961	1,954	1,873	1,863	1,838	65	98	116	3.4%	5.0%	5.9%
Gldn Valley	1,089	1,026	1,135	1,070	1,015	1,114	19	11	21	1.7%	1.1%	1.9%
Hettinger	1,877	1,883	1,964	1,818	1,800	1,914	59	83	50	3.1%	4.4%	2.5%
Slope	485	487	516	466	460	486	19	27	30	3.9%	5.5%	5.8%
Stark	11,267	11,256	12,132	10,907	10,847	11,680	360	409	452	3.2%	3.6%	3.7%
REGION 8	21,756	21,577	23,049	21,159	20,867	22,262	597	710	787	2.7%	3.3%	3.4%
STATE TOTALS	334,603	335,292	345,016	321,452	321,527	332,396	13,151	13,765	12,620	3.9%	4.1%	3.7%

DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

BEULAH
119 East Main
Phone: 873-5807

DEVILS LAKE
301 South College Drive
Phone: 662- 2181

DICKINSON
66 Osborn Drive
Phone: 227-2361

FARGO
1350 32nd Street South
Phone: 237-7113

NDSU-FARGO
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

FORT TOTTEN
Tribal Building
Phone: 766-4221, Ext. 45

FORT YATES
Job Service Building
Phone: 854-7463

GRAFTON
927 12th St. West
Phone: 352-2202

GRAND FORKS
2016 South Washington
Phone: 777-3711

UND-GRAND FORKS
McCannel Hall- Room 141
Phone: 777-3904

HARVEY
119 9th St. West
Phone: 324-4552

JAMESTOWN
429 2nd Street Southwest
Phone: 251-2256

MANDAN
501 1st Street Northwest
Phone: 663-6461

MINOT
3416 North Broadway
Phone: 857-7650

NEW TOWN
Tribal Administration Building
Phone: 627-4390

OAKES
517 Main Ave.
PHONE: 742-2546

ROLLA
103 East Main
Phone: 477-5631

VALLEY CITY
2425 West Main
Phone: 845-7261

WAHPETON
524 2nd Avenue North
Phone: 671-2711

WILLISTON
422 1st Avenue West
Phone: 774-4370

Job Service North Dakota
Research and Statistics - LMA
1000 East Divide
P.O. Box 1537
Bismarck, North Dakota 58502

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JOB
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North Dakota

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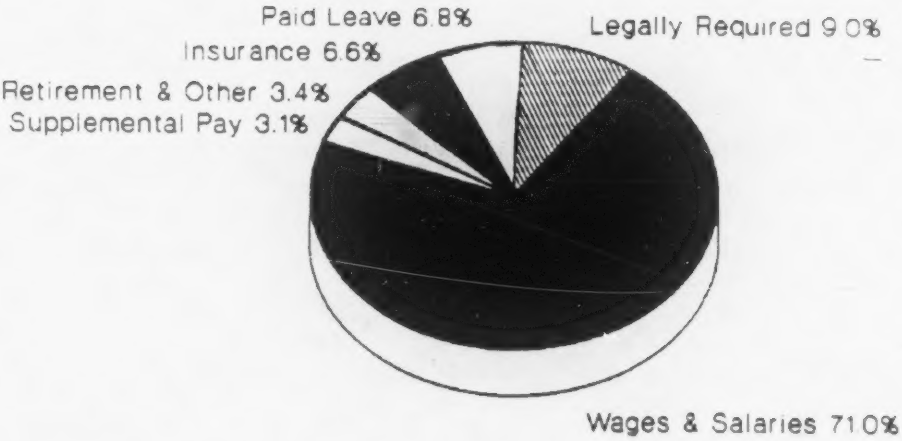
August, 1990

Volume 6, Number 8

JOB SERVICE North Dakota

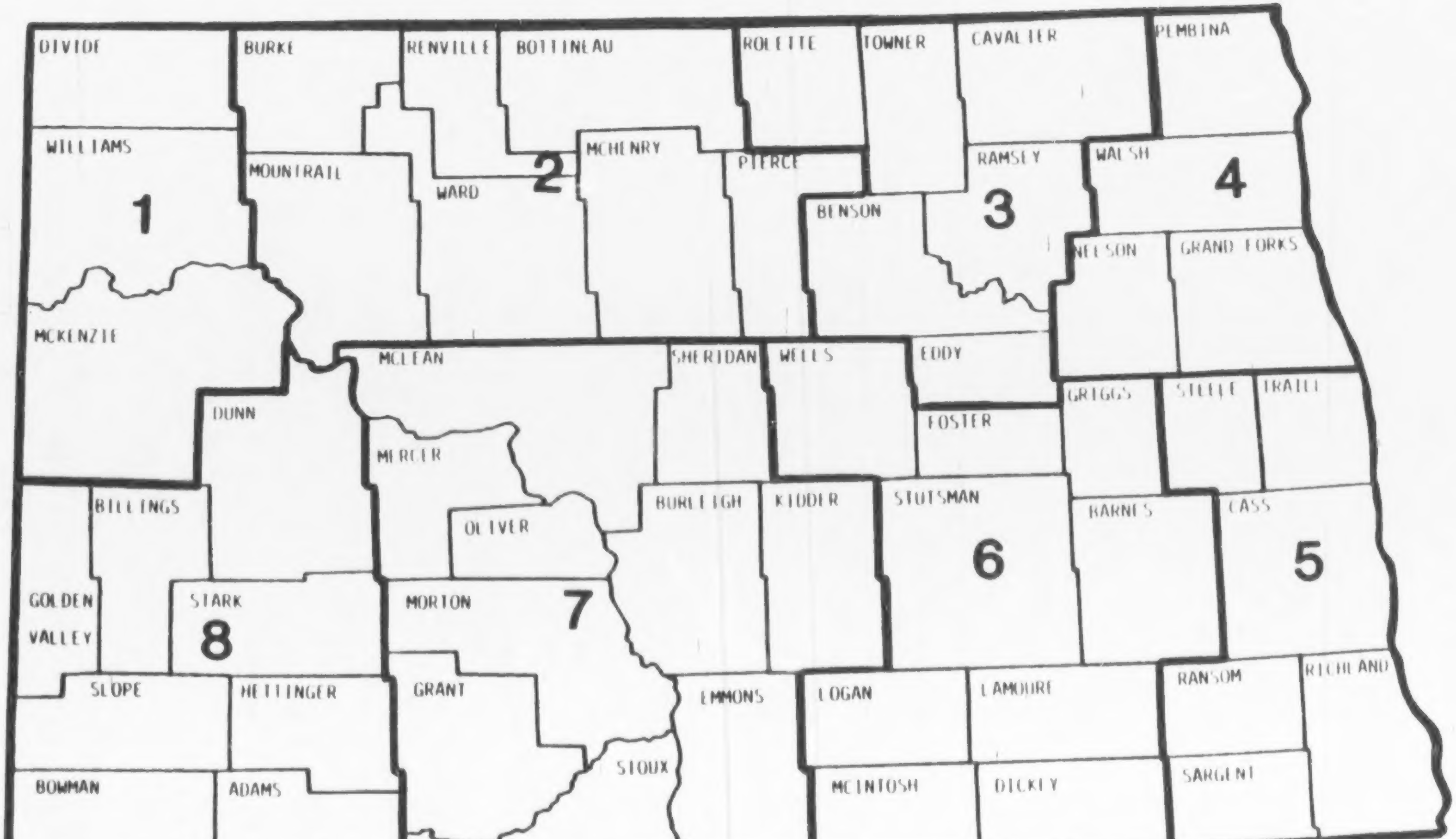
The North Dakota Labor Market Advisor

EMPLOYEE COMPENSATION
MIDWEST REGION - MARCH 1990



NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.


DIVIDE
BURKE
RENVILLE
BOTTINEAU
ROLETTE
TOWNER
CAVALIER
PEMBINA
WILLIAMS
MOUNTRAIL
WARD
2
MCHENRY
PIERCE
RAMSEY
WALSH
4
1
BENSON
3
NELSON
GRAND FORKS
MCKENZIE
MCLEAN
SHERIDAN
WELLS
EDDY
GRIGGS
STEELE
TRAILL
DUNN
FOSTER
MERCER
BILLINGS
BURLEIGH
KIDDER
STUTSMAN
BARNES
CASS
OLIVER
6
5
GOLDEN VALLEY
STARK
8
MORTON
7
SLOPE
HETTINGER
GRANT
EMMONS
LOGAN
LAMOURE
RANSOM
RICHLAND
STOUX
BOWMAN
ADAMS
MCINTOSH
DICKEY
SARGENT

THE
NORTH DAKOTA
LABOR MARKET ADVISOR

August, 1990

GEORGE A. SINNER, GOVERNOR
STATE OF NORTH DAKOTA

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

Micheal V. Deisz
Executive Director

A Monthly Publication Prepared by
Research and Statistics
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COSTS OF EMPLOYEE COMPENSATION

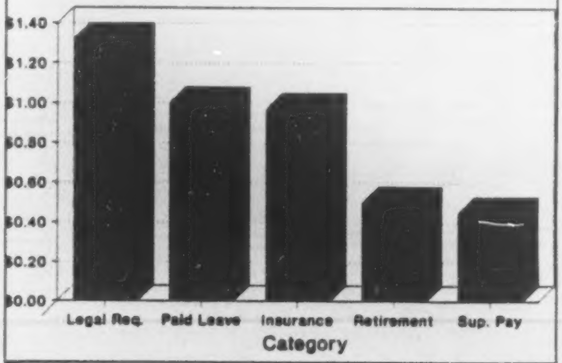
The primary cost of employment for all employers is the wage or salary paid to employees. But there are other costs involved. Some are mandatory while others are provided by the employer as fringe benefits.

Beginning in 1987, a new publication entitled Employer Costs for Employee Compensation was produced by the Bureau of Labor Statistics. The annual publication, based on March data, is released the latter part of June. The data relates to employers in the private sector and contains a wealth of information by region, industry, occupation, etc. Employers may wish to summarize their employee costs and compare them with the published data. Although the figures may not be exact, they should provide a comparison with employers across the U.S.

In March 1990, the average compensation for employees in the U.S. was $14.96 per hour. Only $10.84 (72.4% of the total) was actual gross earnings of the employee. The difference, $4.13 (27.6%), was paid by the employer for a variety of benefits.

The Midwest average, at $14.62 per hour, was below the Northeastern section where the highest average compensation was $17.02, but well above the compensation paid in the Southern region where the average was only $13.22. The gross earnings of the employees in the Midwest region was $10.38, but the employer also paid $4.24 per hour for a variety of benefits. The greatest cost was for legally required benefits for which the employer paid $1.32. These benefits included social security, federal and state unemployment insurance contributions and workers' compensation. Paid leave amounted to an even $1.00 per hour and included vacations, holidays and sick leave. Insurance was a close third at a cost of $.97, with retirement, savings plans and other benefits costing the employer $.50 per hour. Supplemental pay, which includes premium pay for overtime, shift differentials and nonproduction bonuses, added another $.45 to the total cost.

EMPLOYEE FRINGE BENEFIT COSTS
MIDWEST REGION - MARCH 1990



Total compensation costs by major industry divisions are not available for the Midwest region. The following information is the average for the U.S. Employees in transportation, communications and utilities had the highest compensation at $21.48 per hour. However, salaries represented only 68.6% of the total, which was the lowest percentage of all industries. The lowest total compensation was in retail trade at $8.52. Many of the staff work part time and receive limited benefits. It is not surprising that 77% of total compensation was in the form of salaries. The only area where the ratio of benefits was high for this industry was in the area of legally required items such as social security, workers' compensation, etc.

The proportion of wages to total compensation has decreased by 8/10ths of one percent since 1987. The proportional costs for leave, supplemental pay and miscellaneous benefits have remained quite stable during this time. However, there have been major shifts in the cost of insurance, retirement, and legally required benefits. The proportion of compensation to provide insurance coverage rose from 5.4% of the total in 1987 to 6.1% in 1990. Medical costs continue to rise rapidly with health insurance companies paying a large proportion of these expenses. With rising disbursements, the insurance companies pass the costs on to the policyholders. Many employers pay the entire cost, or a large portion of it, accounting for the increase in this sector.

Legally required benefits rose 6/10ths of one percent during this same period. This is an area over which the employer has limited control. As costs for these benefits trended upward, the proportion to total wages has moved in the same direction. In most cases, costs for both workers' compensation and unemployment insurance are based on past experience. If an employer is safety conscious, he may be able to reduce accidents. Reduced charges to his workers' compensation account may result in lower premium payments. Planning by an employer, which results in reduced layoffs, may also result in savings. Unemployment benefit payments paid to former employees are charged to the employer's account and may cause his rate to increase.

While insurance and legally required benefits accounted for an increased share of total compensation, the share to provide retirement decreased. There may be a number of reasons why this occurred. Retirement benefits are usually provided for full-time, permanent employees. There has been a trend in the use of part-time workers who normally receive only legally required benefits. Some companies offer retirement plans for their employees, but do not participate in the cost of these plans.

Wage costs have risen steadily from $9.83 per hour in 1987 to $10.84 in 1990, a gain of $1.01. At the same time, other compensation rose from $3.60 to $4.13, a gain of $.53. While the dollar value increase in wages exceeded that in other compensation, the proportional increase was far greater for other compensation (14.7%) compared to wages (10.3%).

Other compensation, commonly referred to as fringe benefits, is an important consideration for employees seeking work. At the same time, it is a major expense for the employer. Costs for these items will continue to rise along with wages. While there is no way to determine if they will continue to grow at a faster pace than wages, they will continue to be an important consideration in job selection by the worker and the cost of doing business for the employer.

Dale R. Dehlin
Research Analyst

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	August 1990	July 1990	July 1990	August 1989	August 1989
TOTAL	265,200	265,700	-0.2%	260,100	2.0%
GOODS PRODUCING	33,750	33,250	1.5%	32,600	3.5%
MINING	4,500	4,550	-1.1%	4,300	4.7%
Coal	1,050	1,050	0.0%	1,100	-4.5%
Crude Petroleum & Nat. Gas	3,000	3,000	0.0%	2,700	11.1%
Other Mining	450	500	-10.0%	500	-10.0%
CONSTRUCTION	12,200	11,800	3.4%	12,100	0.8%
Building Construction	3,000	2,900	3.4%	3,100	-3.2%
Street, Highway & Heavy	3,300	3,200	3.1%	3,200	3.1%
Special Trade Construction	5,900	5,700	3.5%	5,800	1.7%
MANUFACTURING	17,050	16,900	0.9%	16,200	5.2%
Durable Goods	9,150	9,000	1.7%	8,250	10.9%
Primary & Fab. Metals	1,200	1,200	0.0%	1,100	9.1%
Machinery & Trans. Equip	5,450	5,300	2.8%	4,900	11.2%
Machinery & Electric	3,900	3,900	0.0%	3,600	8.3%
Transportation Equipment	1,550	1,400	10.7%	1,300	19.2%
Other Durables	2,500	2,500	0.0%	2,250	11.1%
Lumber & Wood	1,200	1,200	0.0%	1,000	20.0%
Misc Durable	1,300	1,300	0.0%	1,250	4.0%
Nondurable Goods	7,900	7,900	0.0%	7,950	-0.6%
Food & Kindred Products	3,950	3,900	1.3%	3,850	2.6%
Dairy Products	700	700	0.0%	750	-6.7%
Bakery Products	1,000	950	5.3%	800	25.0%
Sugar & Confectionary	600	600	0.0%	600	0.0%
Other Foods	1,650	1,650	0.0%	1,700	-2.9%
Printing & Publishing	2,500	2,500	0.0%	2,500	0.0%
Other Nondurable Goods	1,450	1,500	-3.3%	1,600	-9.4%
SERVICES PRODUCING	231,450	232,450	-0.4%	227,500	1.7%
TRAN, COMM & UTILITIES	17,200	17,150	0.3%	17,000	1.2%
Transportation	8,800	8,750	0.6%	8,700	1.1%
Trucking & Warehousing	5,100	5,000	2.0%	5,000	2.0%
Other Transportation	3,700	3,750	-1.3%	3,700	0.0%
Railroads	1,850	1,850	0.0%	1,900	-2.6%
Local & Suburban Transport	650	700	-7.1%	750	-13.3%
Water, Air & Pipeline	1,200	1,200	0.0%	1,050	14.3%
Communications	3,500	3,500	0.0%	3,500	0.0%
Utilities	4,900	4,900	0.0%	4,800	2.1%
WHOLESALE TRADE	19,600	19,700	-0.5%	19,900	-1.5%
Durable Goods	9,100	9,200	-1.1%	9,200	-1.1%
Nondurable Goods	10,500	10,500	0.0%	10,700	-1.9%

NORTH DAKOTA
NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	August 1990	July 1990	July 1990	August 1989	August 1989
RETAIL TRADE	51,050	51,050	0.0%	50,700	0.7%
Hardware & Garden	2,500	2,500	0.0%	2,600	-3.8%
General Merchandise	6,300	6,200	1.6%	6,400	-1.6%
Food Stores	7,200	7,100	1.4%	7,300	-1.4%
Auto & Service Stations	6,900	7,000	-1.4%	6,700	3.0%
Apparel & Accessory	2,600	2,600	0.0%	2,600	0.0%
Furniture Stores	1,650	1,650	0.0%	1,600	3.1%
Eating & Drinking Places	18,400	18,600	-1.1%	18,400	0.0%
Misc Retail	5,500	5,400	1.9%	5,100	7.8%
FINANCE,INS & REAL ESTATE	12,500	12,650	-1.2%	12,400	0.8%
Finance	6,600	6,600	0.0%	6,650	-0.8%
Banking	5,700	5,700	0.0%	5,700	0.0%
Other Finance	900	900	0.0%	950	-5.3%
Insurance	3,950	4,100	-3.7%	3,850	2.6%
Insurance Underwriters	2,500	2,600	-3.8%	2,500	0.0%
Ins. Agents & Brokers	1,450	1,500	-3.3%	1,350	7.4%
Real Estate	1,950	1,950	0.0%	1,900	2.6%
SERVICES	69,600	69,600	0.0%	66,400	4.8%
Lodging	4,600	4,600	0.0%	4,500	2.2%
Personal & Business	8,200	8,200	0.0%	7,800	5.1%
Personal Services	3,100	3,100	0.0%	3,100	0.0%
Business Services	5,100	5,100	0.0%	4,700	8.5%
Recreational Services	2,900	3,000	-3.3%	2,800	3.6%
Health Services	29,000	28,900	0.3%	27,700	4.7%
Nursing & Hospital	21,200	21,100	0.5%	20,200	5.0%
Other Health	7,800	7,800	0.0%	7,500	4.0%
Membership Organizations	8,000	8,100	-1.2%	8,100	-1.2%
Educational Services	2,500	2,400	4.2%	2,500	0.0%
Social Services	6,600	6,600	0.0%	5,600	17.9%
Other Services	7,800	7,800	0.0%	7,400	5.4%
Auto & Misc Repair	2,400	2,400	0.0%	2,200	9.1%
Legal Services	1,500	1,500	0.0%	1,500	0.0%
Misc Services	3,900	3,900	0.0%	3,700	5.4%
GOVERNMENT	61,500	62,300	-1.3%	61,100	0.7%
Federal	10,600	10,500	1.0%	10,300	2.9%
State & Local	50,900	51,800	-1.7%	50,800	0.2%
State Government	17,300	17,800	-2.8%	17,600	-1.7%
Educational Services	10,000	10,400	-3.8%	10,100	-1.0%
Other State Government	7,300	7,400	-1.4%	7,500	-2.7%
Local Government	33,600	34,000	-1.2%	33,200	1.2%
Educational Services	14,000	14,000	0.0%	13,500	3.7%
Other Local Government	19,600	20,000	-2.0%	19,700	-0.5%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	August 1990	July 1990	July 1990	August 1989	August 1989
FARGO-MOORHEAD MSA					
TOTAL	76,100	76,400	-0.4%	72,950	4.3%
GOODS PRODUCING	10,750	10,550	1.9%	9,950	8.0%
MINING & CONSTRUCTION	4,900	4,800	2.1%	4,600	6.5%
Special Trades	2,500	2,400	4.2%	2,300	8.7%
Other Construction & Mining	2,400	2,400	0.0%	2,300	4.3%
MANUFACTURING	5,850	5,750	1.7%	5,350	9.3%
Durable Goods	2,900	2,850	1.8%	2,650	9.4%
Fabricated Metal & Machinery	1,550	1,500	3.3%	1,450	6.9%
Other Durable Goods	1,350	1,350	0.0%	1,200	12.5%
Nondurable Goods	2,950	2,900	1.7%	2,700	9.3%
Food & Kindred	1,900	1,850	2.7%	1,700	11.8%
Other Nondurables	1,050	1,050	0.0%	1,000	5.0%
SERVICES PRODUCING	65,350	65,850	-0.8%	63,000	3.7%
TRANS, COMM & UTIL	4,700	4,750	-1.1%	4,700	0.0%
Trucking & Warehousing	950	950	0.0%	900	5.6%
Other Transportation	2,100	2,100	0.0%	2,100	0.0%
Communications & Utilities	1,650	1,700	-2.9%	1,700	-2.9%
WHOLESALE TRADE	6,700	6,800	-1.5%	6,800	-1.5%
Durable	3,900	4,000	-2.5%	3,800	2.6%
Nondurable	2,800	2,800	0.0%	3,000	-6.7%
RETAIL TRADE	15,100	15,100	0.0%	14,800	2.0%
General Merchandise & Apparel	3,000	3,000	0.0%	2,800	7.1%
Food Stores	1,750	1,750	0.0%	2,000	-12.5%
Auto Dealers & Svc. Stations	1,950	1,950	0.0%	1,700	14.7%
Eating & Drinking Places	5,700	5,700	0.0%	5,600	1.8%
Other Retail	2,700	2,700	0.0%	2,700	0.0%
FINANCE, INS & R E	4,600	4,600	0.0%	4,500	2.2%
Finance	2,100	2,100	0.0%	2,000	5.0%
Insurance Carriers	1,450	1,450	0.0%	1,450	0.0%
Other Fin, Ins. & R.Estate	1,050	1,050	0.0%	1,050	0.0%
SERVICES	21,550	21,600	-0.2%	20,250	6.4%
Lodging	1,400	1,350	3.7%	1,350	3.7%
Personal & Business	3,600	3,600	0.0%	3,400	5.9%
Recreation & Amusement	900	1,000	-10.0%	900	0.0%
Health Services	8,200	8,200	0.0%	7,700	6.5%
Educational Services	1,500	1,500	0.0%	1,400	7.1%
Social Services	1,750	1,750	0.0%	1,550	12.9%
Membership Services	1,400	1,400	0.0%	1,350	3.7%
Other Services	2,800	2,800	0.0%	2,600	7.7%
GOVERNMENT	12,700	13,000	-2.3%	11,950	6.3%
Federal	2,300	2,300	0.0%	2,200	4.5%
State	4,500	4,700	-4.3%	4,250	5.9%
State School	3,900	4,100	-4.9%	3,700	5.4%
Other State	600	600	0.0%	550	9.1%
Local	5,900	6,000	-1.7%	5,500	7.3%
Local School	3,000	3,100	-3.2%	2,700	11.1%
Other Local	2,900	2,900	0.0%	2,800	3.6%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH August 1990	PREVIOUS MONTH July 1990	% CHANGE FROM July 1990	ONE YEAR AGO August 1989	% CHANGE FROM August 1989
GRAND FORKS MSA					
TOTAL	30,850	30,750	0.3%	30,100	2.5%
GOODS PRODUCING	2,900	2,800	3.6%	3,200	-9.4%
MINING & CONSTRUCTION	1,700	1,600	6.3%	1,850	-8.1%
MANUFACTURING	1,200	1,200	0.0%	1,350	-11.1%
Durable Goods	450	450	0.0%	550	-18.2%
Nondurable Goods	750	750	0.0%	800	-6.3%
SERVICES PRODUCING	27,950	27,950	0.0%	26,900	3.9%
TRANS, COMM. & UTIL.	1,650	1,650	0.0%	1,550	6.5%
Transportation	1,000	1,000	0.0%	950	5.3%
Communications & Utilities	650	650	0.0%	600	8.3%
WHOLESALE TRADE	1,700	1,700	0.0%	1,600	6.3%
RETAIL TRADE	7,800	7,700	1.3%	7,350	6.1%
General Merchandise & Apparel	1,900	1,800	5.6%	1,850	2.7%
Eating & Drinking Places	2,900	2,900	0.0%	2,700	7.4%
Other Retail	3,000	3,000	0.0%	2,800	7.1%
FINANCE, INS. & R E	1,200	1,200	0.0%	1,100	9.1%
SERVICES	7,100	7,100	0.0%	7,000	1.4%
Personal & Business	900	900	0.0%	900	0.0%
Health	2,800	2,800	0.0%	2,800	0.0%
Other Services	3,400	3,400	0.0%	3,300	3.0%
GOVERNMENT	8,500	8,600	-1.2%	8,300	2.4%
Federal	1,500	1,550	-3.2%	1,500	0.0%
State	4,600	4,600	0.0%	4,600	0.0%
State School	4,100	4,100	0.0%	4,100	0.0%
Other State	500	500	0.0%	500	0.0%
Local	2,400	2,450	-2.0%	2,200	9.1%
Local School	1,050	1,050	0.0%	950	10.5%
Other Local	1,350	1,400	-3.6%	1,250	8.0%

NONAGRICULTURAL
WAGE AND SALARY EMPLOYMENT

INDUSTRIES	CURRENT MONTH August 1990	PREVIOUS MONTH July 1990	% CHANGE FROM July 1990	ONE YEAR AGO August 1989	% CHANGE FROM August 1989
BISMARCK MSA					
TOTAL	40,450	40,250	0.5%	39,200	3.2%
GOODS PRODUCING	4,500	4,650	-3.2%	4,100	9.8%
MINING & CONSTRUCTION	2,200	2,300	-4.3%	1,850	18.9%
MANUFACTURING	2,300	2,350	-2.1%	2,250	2.2%
Durable Goods	950	1,000	-5.0%	950	0.0%
Nondurable Goods	1,350	1,350	0.0%	1,300	3.8%
SERVICES PRODUCING	35,950	35,600	1.0%	35,100	2.4%
TRANS, COMM. & UTIL.	3,100	3,050	1.6%	2,800	10.7%
Transportation	1,250	1,250	0.0%	1,150	8.7%
Communications & Utilities	1,850	1,800	2.8%	1,650	12.1%
WHOLESALE TRADE	2,300	2,300	0.0%	2,300	0.0%
RETAIL TRADE	8,300	8,200	1.2%	8,250	0.6%
General Merchandise & Apparel	1,700	1,650	3.0%	1,700	0.0%
Food Stores	1,100	1,100	0.0%	1,100	0.0%
Auto Dealers & Svc. Stations	1,050	1,050	0.0%	1,150	-8.7%
Eating & Drinking Places	2,800	2,800	0.0%	2,700	3.7%
Other Retail	1,650	1,600	3.1%	1,600	3.1%
FINANCE, INS. & R E	1,500	1,500	0.0%	1,550	-3.2%
SERVICES	12,050	11,900	1.3%	11,750	2.6%
Lodging	900	900	0.0%	950	-5.3%
Personal & Business	1,450	1,500	-3.3%	1,350	7.4%
Health Services	5,100	5,000	2.0%	4,800	6.3%
Educational Services	450	350	28.6%	550	-18.2%
Social Services	1,200	1,200	0.0%	1,100	9.1%
Membership Services	1,150	1,150	0.0%	1,250	-8.0%
Other Services	1,800	1,800	0.0%	1,750	2.9%
GOVERNMENT	8,700	8,650	0.6%	8,450	3.0%
Federal	1,250	1,250	0.0%	1,200	4.2%
State	4,050	4,050	0.0%	3,950	2.5%
State Schools	250	250	0.0%	250	0.0%
Other State	3,800	3,800	0.0%	3,700	2.7%
Local	3,400	3,350	1.5%	3,300	3.0%
Local Schools	1,650	1,600	3.1%	1,500	10.0%
Other Local	1,750	1,750	0.0%	1,800	-2.8%

LABOR FORCE

NORTH DAKOTA AND MSA'S

	CURRENT MONTH	PREVIOUS MONTH	% CHANGE FROM	ONE YEAR AGO	% CHANGE FROM
	AUG 1990	JULY 1990	JULY 1990	AUG 1989	AUG 1989
UNITED STATES					
(In Thousands)					
Labor Force	126,301	126,394	-0.1%	125,758	0.4%
Employment	119,298	119,580	-0.2%	119,238	0.1%
Unemployment	7,003	6,814	2.8%	6,520	7.4%
Unemployment Rate	5.5%	5.4%	xxx	5.2%	xxx
NORTH DAKOTA					
Labor Force	338,130	334,600	1.1%	343,100	-1.4%
Employment	327,010	321,440	1.7%	329,920	-0.9%
Unemployment	11,120	13,160	-15.5%	13,180	-15.6%
Unemployment Rate	3.3%	3.9%	xxx	3.8%	xxx
FARGO-MOORHEAD MSA					
Labor Force	89,090	88,300	0.9%	87,780	1.5%
Employment	87,130	86,050	1.3%	85,570	1.8%
Unemployment	1,960	2,250	-12.9%	2,210	-11.3%
Unemployment Rate	2.2%	2.5%	xxx	2.5%	xxx
GRAND FORKS MSA					
Labor Force	36,510	35,970	1.5%	36,940	-1.2%
Employment	35,270	34,350	2.7%	35,250	0.1%
Unemployment	1,240	1,620	-23.5%	1,690	-26.6%
Unemployment Rate	3.4%	4.5%	xxx	4.6%	xxx
BISMARCK MSA					
Labor Force	49,330	48,350	2.0%	49,140	0.4%
Employment	47,840	46,540	2.8%	47,450	0.8%
Unemployment	1,490	1,810	-17.7%	1,690	-11.8%
Unemployment Rate	3.0%	3.7%	xxx	3.4%	xxx

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.
The Bismarck MSA includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
JULY 1990

	NORTH DAKOTA	MINNESOTA	SOUTH DAKOTA	MONTANA
Labor Force	334.6	2,423.2	369.1	408.9
Employment	321.4	2,311.6	354.6	388.2
Unemployment	13.2	111.6	14.5	20.7
Unemployment Rate	3.9%	4.6%	3.9%	5.1%

UNITED STATES

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	AUG 1990	JULY 1990	AUG 1989	AUG 1990	JULY 1990	AUG 1989	AUG 1990	JULY 1990	AUG 1989
MANUFACTURING	443.36	440.64	425.95	40.9	40.5	40.8	10.84	10.88	10.44
Durable Goods	469.99	466.58	453.47	41.3	41.0	41.3	11.38	11.38	10.98
Nondurable Goods	407.84	405.56	391.31	40.3	39.8	40.3	10.12	10.19	9.71

NORTH DAKOTA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1990	July 1990	August 1989	August 1990	July 1990	August 1989	August 1990	July 1990	August 1989
MANUFACTURING	351.95	352.24	351.92	39.5	39.4	39.9	8.91	8.94	8.82
Durable Goods	376.16	374.24	379.80	41.2	40.9	42.2	9.13	9.15	9.00
Nondurable Goods	320.78	323.51	318.69	37.3	37.4	37.1	8.60	8.65	8.59
Food & Kindred	322.15	337.60	332.93	37.9	40.0	39.4	8.50	8.44	8.45

FARGO-MOORHEAD MSA

MANUFACTURING HOURS AND EARNINGS

INDUSTRY	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1990	July 1990	August 1989	August 1990	July 1990	August 1989	August 1990	July 1990	August 1989
MANUFACTURING	347.60	356.90	362.78	39.1	39.7	38.8	8.89	8.99	9.35
Durable Goods	361.01	381.00	361.84	41.4	43.1	41.4	8.72	8.84	8.74
Nondurable Goods	333.60	332.32	363.24	36.7	36.2	36.0	9.09	9.18	10.09

U. S. CONSUMER PRICE INDEX

ALL URBAN CONSUMERS

(1982-84=100)

ITEM	ANNUAL AVERAGE 1989	AUG 1990	JULY 1990	Percent Change From JULY 1990	AUG 1989	Percent Change From AUG 1989
All Items	124.0	131.6	130.4	0.9%	124.6	5.6%
Food & Beverage	124.9	132.7	132.4	0.2%	125.6	5.7%
Housing	123.0	130.2	129.2	0.8%	124.2	4.8%
Apparel & Upkeep	118.6	122.2	120.8	1.2%	115.0	6.3%
Transportation	114.1	120.6	118.4	1.9%	114.3	5.5%
Medical Care	149.3	165.0	163.5	0.9%	150.7	9.5%
Entertainment	126.5	133.0	132.7	0.2%	127.3	4.5%
All Other	147.7	160.4	159.2	0.8%	148.7	7.9%

PRODUCER PRICE INDEX

UNITED STATES AVERAGE

ITEM	ANNUAL AVERAGE 1989	AUG 1990	JULY 1990	Percent Change From JULY 1990	AUG 1989	Percent Change From AUG 1989
All Commodities	112.2	116.5	114.3	1.9%	112.0	4.0%
Farm Products & Processed Foods and Feeds-	115.3	119.2	120.0	-0.7%	115.0	3.7%
Industrial Commodities	111.6	115.9	113.2	2.4%	111.4	4.0%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	AUG'90	JULY'90	AUG'89	AUG'90	JULY'90	AUG'89	AUG'90	JULY'90	AUG'89	AUG'90	JULY'90	AUG'89
Divide	1,440	1,436	1,523	1,414	1,413	1,493	26	23	30	1.8%	1.6%	2.0%
McKenzie	3,028	2,857	3,197	2,941	2,775	3,089	87	82	108	2.9%	2.9%	3.4%
Williams	11,665	11,386	11,962	11,315	10,988	11,535	350	398	427	3.0%	3.5%	3.6%
REGION 1	16,133	15,679	16,682	15,670	15,176	16,117	463	503	565	2.9%	3.2%	3.4%
Bottineau	3,427	3,452	3,540	3,307	3,304	3,403	120	148	137	3.5%	4.3%	3.9%
Burke	1,235	1,271	1,330	1,196	1,207	1,292	39	64	38	3.2%	5.0%	2.9%
McHenry	2,655	2,627	2,747	2,452	2,407	2,543	203	220	204	7.6%	8.4%	7.4%
Mountrail	3,485	3,434	3,499	3,291	3,255	3,274	194	179	225	5.6%	5.2%	6.4%
Pierce	2,644	2,657	2,720	2,599	2,587	2,656	45	70	64	1.7%	2.6%	2.4%
Renville	1,217	1,242	1,264	1,191	1,197	1,220	26	45	44	2.1%	3.6%	3.5%
Ward	26,153	26,073	26,602	25,270	25,082	25,602	883	991	1,000	3.4%	3.8%	3.8%
REGION 2	40,816	40,756	41,702	39,306	39,039	39,990	1,510	1,717	1,712	3.7%	4.2%	4.1%
Benson	2,743	2,716	3,229	2,483	2,421	2,997	260	295	232	9.5%	10.9%	7.2%
Cavalier	2,692	2,687	2,784	2,599	2,566	2,682	93	121	102	3.5%	4.5%	3.7%
Eddy	1,502	1,504	1,553	1,437	1,426	1,472	65	78	81	4.3%	5.2%	5.2%
Ramsey	7,118	7,006	6,982	6,954	6,795	6,790	164	211	192	2.3%	3.0%	2.7%
Rolette	4,832	4,716	4,943	4,024	3,772	4,071	808	944	872	16.7%	20.0%	17.6%
Towner	1,796	1,768	1,913	1,760	1,729	1,879	36	39	34	2.0%	2.2%	1.8%
REGION 3	20,683	20,397	21,404	19,257	18,709	19,891	1,426	1,688	1,513	6.9%	8.3%	7.1%
Grand Forks	36,514	35,965	36,932	35,270	34,347	35,245	1,244	1,618	1,687	3.4%	4.5%	4.6%
Nelson	1,955	1,937	2,034	1,898	1,880	1,962	57	57	72	2.9%	2.9%	3.5%
Pembina	5,766	5,762	5,702	5,230	5,270	5,228	536	492	474	9.3%	8.5%	8.3%
Walsh	7,835	7,947	8,146	7,468	7,570	7,754	367	377	392	4.7%	4.7%	4.8%
REGION 4	52,070	51,611	52,814	49,866	49,067	50,189	2,204	2,544	2,625	4.2%	4.9%	5.0%
Cass	63,085	62,157	62,522	62,026	60,843	61,248	1,059	1,314	1,274	1.7%	2.1%	2.0%
Ransom	2,822	2,800	2,955	2,778	2,738	2,888	44	62	67	1.6%	2.2%	2.3%
Richland	8,765	8,748	8,910	8,438	8,321	8,531	327	427	379	3.7%	4.9%	4.3%
Sargent	2,895	2,863	2,915	2,859	2,826	2,860	36	37	55	1.2%	1.3%	1.9%
Steele	1,182	1,174	1,273	1,155	1,138	1,224	27	36	49	2.3%	3.1%	3.8%
Traill	4,423	4,555	4,476	4,258	4,353	4,284	165	202	192	3.7%	4.4%	4.3%
REGION 5	83,172	82,297	83,051	81,514	80,219	81,035	1,658	2,078	2,016	2.0%	2.5%	2.4%

LABOR FORCE - BY COUNTY - BY REGION

	LABOR FORCE			EMPLOYMENT			UNEMPLOYMENT			RATE		
	AUG'90	JULY'90	AUG'89	AUG'90	JULY'90	AUG'89	AUG'90	JULY'90	AUG'89	AUG'90	JULY'90	AUG'89
Barnes	5,946	5,919	5,954	5,803	5,770	5,815	143	149	139	2.4%	2.5%	2.3%
Dickey	3,292	3,197	3,283	3,205	3,135	3,219	87	62	64	2.6%	1.9%	1.9%
Foster	2,328	2,296	2,304	2,268	2,237	2,226	60	59	78	2.6%	2.6%	3.4%
Griggs	1,615	1,646	1,711	1,589	1,603	1,668	26	43	43	1.6%	2.6%	2.5%
La Moure	2,347	2,372	2,441	2,308	2,319	2,395	39	53	46	1.7%	2.2%	1.9%
Logan	1,509	1,526	1,565	1,477	1,486	1,536	32	40	29	2.1%	2.6%	1.9%
McIntosh	2,337	2,361	2,417	2,308	2,282	2,370	29	79	47	1.2%	3.3%	1.9%
Stutsman	12,282	11,982	12,491	12,009	11,639	12,180	273	343	311	2.2%	2.9%	2.5%
Wells	2,795	2,860	2,948	2,676	2,725	2,806	119	135	142	4.3%	4.7%	4.8%
REGION 6	34,451	34,159	35,114	33,643	33,196	34,215	808	963	899	2.3%	2.8%	2.6%
Burleigh	36,114	35,393	35,978	35,102	34,155	34,818	1,012	1,238	1,160	2.8%	3.5%	3.2%
Emmons	2,267	2,253	2,389	2,216	2,178	2,313	51	75	76	2.2%	3.3%	3.2%
Grant	1,951	1,979	2,060	1,906	1,904	1,993	45	75	67	2.3%	3.8%	3.3%
Kidder	1,546	1,584	1,604	1,457	1,471	1,519	89	113	85	5.8%	7.1%	5.3%
McLean	4,469	4,455	4,556	4,293	4,233	4,315	176	222	241	3.9%	5.0%	5.3%
Mercer	5,738	5,747	5,866	5,499	5,432	5,555	239	315	311	4.2%	5.5%	5.3%
Morton	13,211	12,961	13,162	12,733	12,388	12,629	478	573	533	3.6%	4.4%	4.0%
Oliver	1,053	1,057	1,136	1,023	1,014	1,080	30	43	56	2.8%	4.1%	4.9%
Sheridan	1,283	1,312	1,307	1,253	1,278	1,270	30	34	37	2.3%	2.6%	2.8%
Sioux	1,197	1,217	1,278	852	837	859	345	380	419	28.8%	31.2%	32.8%
REGION 7	68,829	67,958	69,336	66,334	64,890	66,351	2,495	3,068	2,985	3.6%	4.5%	4.3%
Adams	1,790	1,803	1,812	1,761	1,767	1,778	29	36	34	1.6%	2.0%	1.9%
Billings	1,105	1,067	1,168	1,091	1,050	1,145	14	17	23	1.3%	1.6%	2.0%
Bowman	2,255	2,228	2,340	2,234	2,206	2,287	21	22	53	0.9%	1.0%	2.3%
Dunn	1,913	1,937	1,929	1,853	1,872	1,819	60	65	110	3.1%	3.4%	5.7%
Gldn Valley	1,101	1,087	1,132	1,086	1,068	1,111	15	19	21	1.4%	1.7%	1.9%
Hettinger	1,874	1,872	1,958	1,814	1,816	1,908	60	56	50	3.2%	3.0%	2.6%
Slope	491	492	530	467	466	495	24	26	35	4.9%	5.3%	6.6%
Stark	11,448	11,263	12,134	11,113	10,903	11,587	335	360	547	2.9%	3.2%	4.5%
REGION 8	21,977	21,749	23,003	21,419	21,148	22,130	558	601	873	2.5%	2.8%	3.8%
STATE TOTALS	338,127	334,607	343,104	327,006	321,446	329,920	11,120	13,161	13,184	3.3%	3.9%	3.8%

DEFINITIONS

EMPLOYED: A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

UNEMPLOYED: Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

LABOR FORCE: The sum of the employed and the unemployed.

UNEMPLOYMENT RATE: The number of unemployed as a percent of the total labor force.

CONSUMER PRICE INDEX: A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

PRODUCER PRICE INDEX: This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

JOB SERVICE OFFICE LOCATIONS

BISMARCK
216 Second Street
Phone: 224-2880

BEULAH
119 East Main
Phone: 873-5607

DEVILS LAKE
301 South College Drive
Phone: 662- 2181

DICKINSON
66 Osborn Drive
Phone: 227-2361

FARGO
1350 32nd Street South
Phone: 237-7113

NDSU-FARGO
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

FORT TOTTEN
Tribal Building
Phone: 766-4221, Ext. 45

FORT YATES
Job Service Building
Phone: 854-7463

GRAFTON
927 12th St. West
Phone: 352-2202

GRAND FORKS
2016 South Washington
Phone: 777-3711

UND-GRAND FORKS
McCannel Hall- Room 141
Phone: 777-3904

HARVEY
119 9th St. West
Phone: 324-4552

HETTINGER
606 2nd Avenue North
Phone: 567-2156

JAMESTOWN
429 2nd Street Southwest
Phone: 251-2256

MANDAN
501 1st Street Northwest
Phone: 663-6461

MINOT
3416 North Broadway
Phone: 857-7650

NEW TOWN
Tribal Administration Building
Phone: 627-4390

OAKES
517 Main Ave.
PHONE: 742-2546

ROLLA
103 East Main
Phone: 477-5631

VALLEY CITY
2425 West Main
Phone: 845-7261

WAHPETON
524 2nd Avenue North
Phone: 671-2711

WILLISTON
422 1st Avenue West
Phone: 774-4370

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1000 East Divide
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